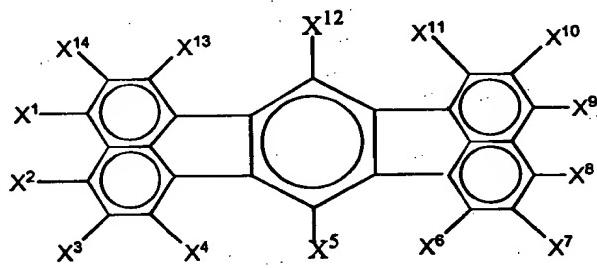


IN THE CLAIMS

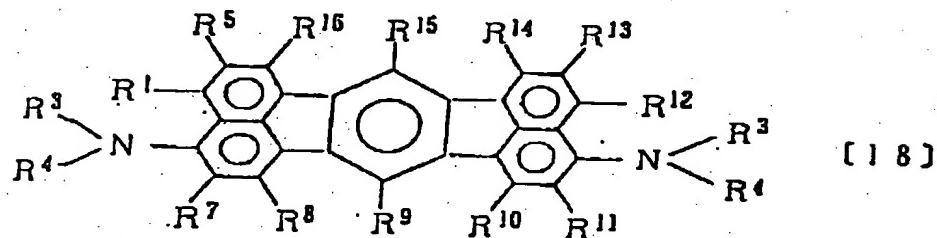
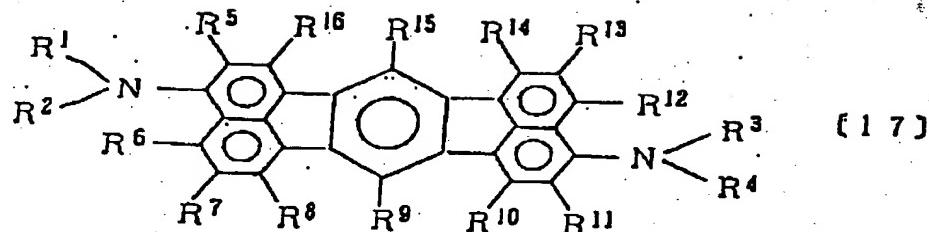
Please amend the claims as follows:

Claims 1-2 (cancelled):

D
Claim 3 (Currently Amended): The An organic electroluminescence device according to Claim 13, which comprises an organic layer disposed between at least one pair of electrodes, wherein the organic layer comprises a compound having a fluoranthene skeleton structure substituted at least with an amine group or an alkenyl group, and wherein the organic layer comprises a metal complex of quinoline and a compound selected from compounds represented by the following general formula [3], [17] and [18], wherein the organic layer is at least one of a hole transporting layer or and a light emitting layer:



wherein X1 to X20 each independently represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon atoms, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl group having 8 to 30 carbon atoms; a pair of adjacent groups represented by X1 to X20 and a pair of adjacent substituents to groups represented by X1 to X20 may form a cyclic structure in combination; when a pair of adjacent substituents are aryl groups, the pair of substituents may be a single group; and at least one of substituents represented by X1 to X1, i representing a number of 12 to 20, comprises an amine group or an alkenyl group; with the premise that the combination of substituted group X13 and X14, X3 and X4, X10 and X11, and X6 and X7 with any ring structure in the general formula (3) is omitted;



wherein R¹ to R⁴ each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms; in one or both of a pair of groups represented by R¹ and R² and a pair of groups represented by R³ and R⁴, the groups forming the pair may be bonded through -O- or -S-; R⁵ to R¹⁶ represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon atoms, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl group having 8 to 30 carbon atoms; a pair of adjacent groups represented by R⁵ to R¹⁶ and a pair of adjacent substituents to groups represented by R⁵ to R¹⁶ may form a cyclic structure in combination; and at least one of substituents represented by R⁵ to R¹⁶ comprises an amine group.

D

Claim 4 (Currently Amended): The organic electroluminescence device according to Claim 3 13, wherein the organic layer comprises 1 to 70% by weight of said compound which is selected from compounds represented by general formulae [1] to [14] and [16] to [18]:.

Claim 5 (Currently Amended): The organic electroluminescence device according to Claim 3 13, wherein a layer of an inorganic compound is disposed between the organic layer and the electrode.

Claim 6 (Currently Amended) The organic electroluminescence device according to Claim 3 13, which emits reddish light.

Claim 7 (Currently Amended) The organic electroluminescence device according to Claim 3 13, wherein the organic layer comprises said compound and isomers thereof.

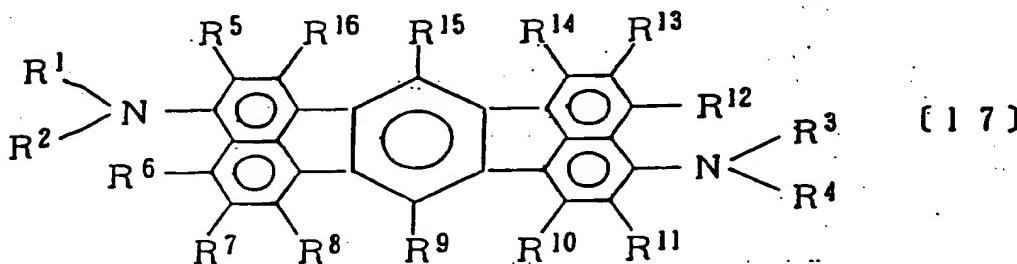
Claim 8 (Previously Presented): The organic electroluminescence device according to Claim 7, wherein, among said compound and the isomers thereof, a ratio of an amount by mole of an isomer which can emit light having a longer wavelength to an amount by mole of an isomer which can emit light having a shorter wave is in a range of 90:10 to 60:40.

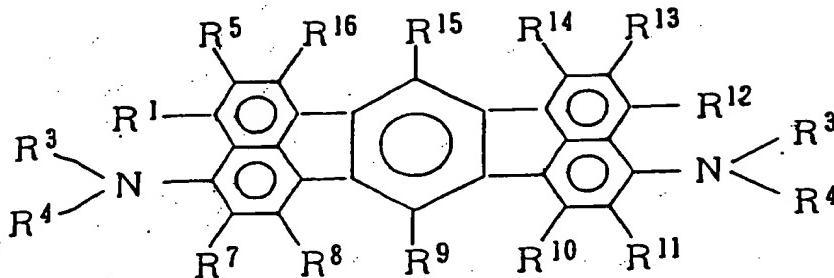
Claims 9-10 (Cancelled):

Claim 11 (Currently Amended): The organic electroluminescence device according to Claim 13 3, wherein the organic layer comprises at least one member of the group consisting of a hole transporting layer and a light emitting layer, and wherein a layer of an inorganic compound is between the organic layer and the electrode.

Claim 12-13 (Cancelled):

Claim 14 (Previously Presented): An organic electroluminescence device which comprises an organic layer disposed between at least one pair of electrodes, wherein the organic layer comprises a metal complex of quinoline and a compound selected from compounds represented by the following general formulae [17] and [18]:

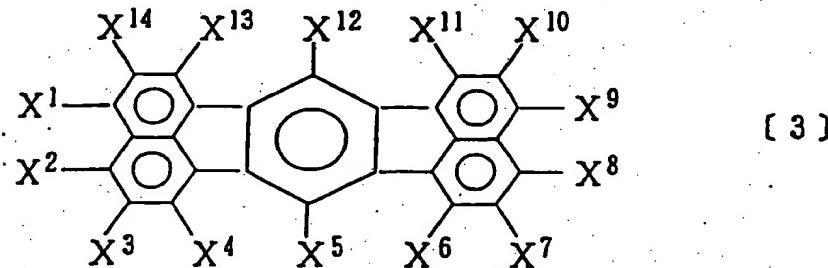
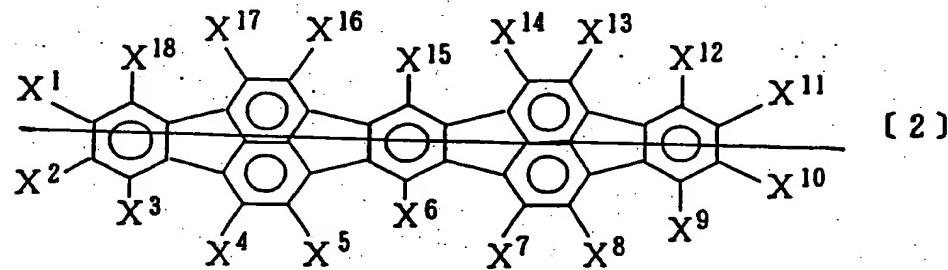
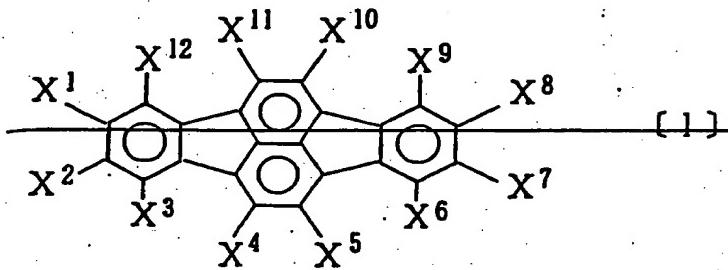


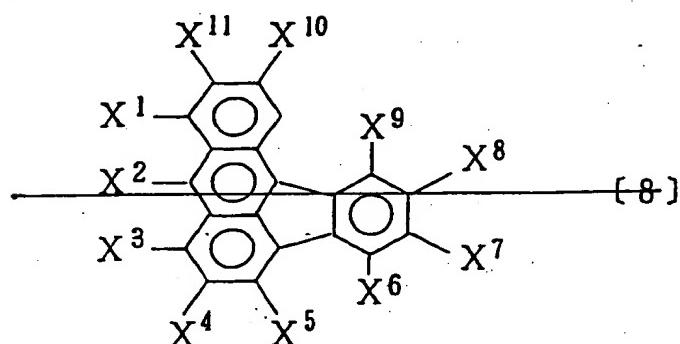
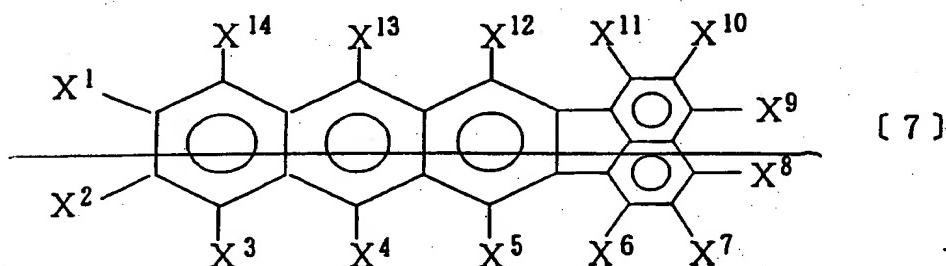
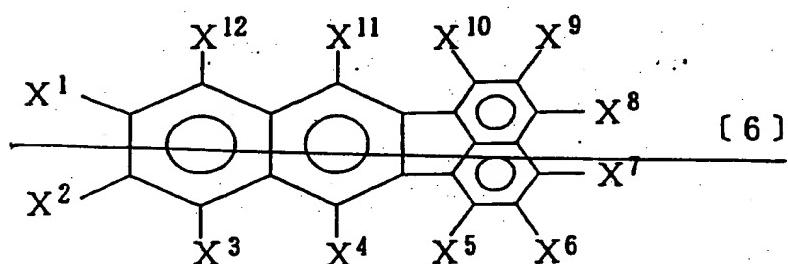
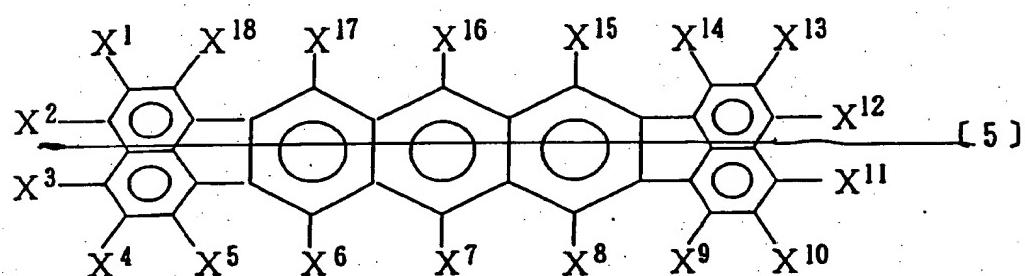
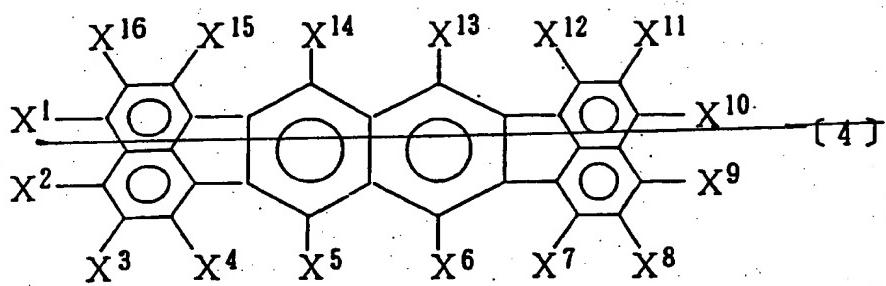


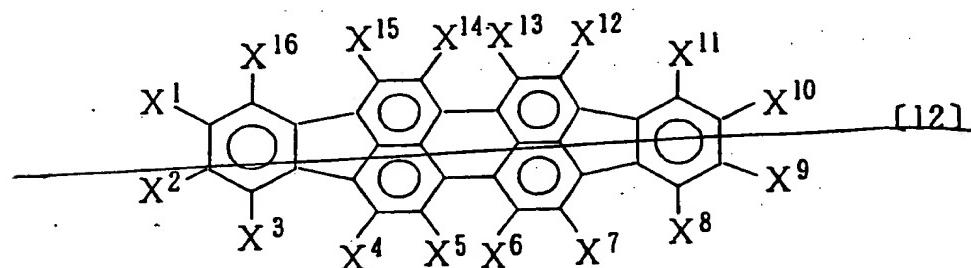
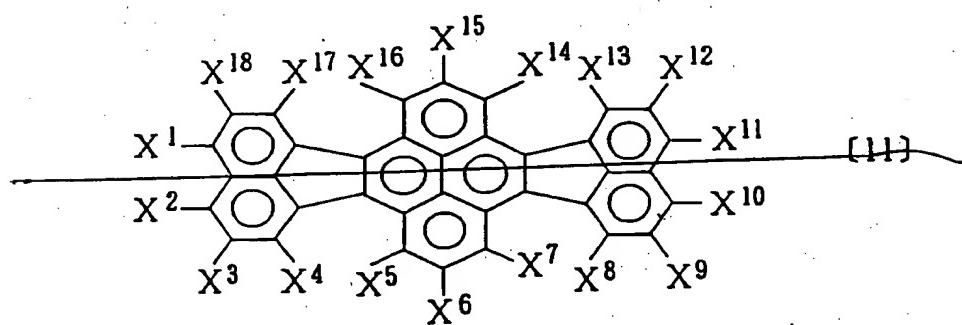
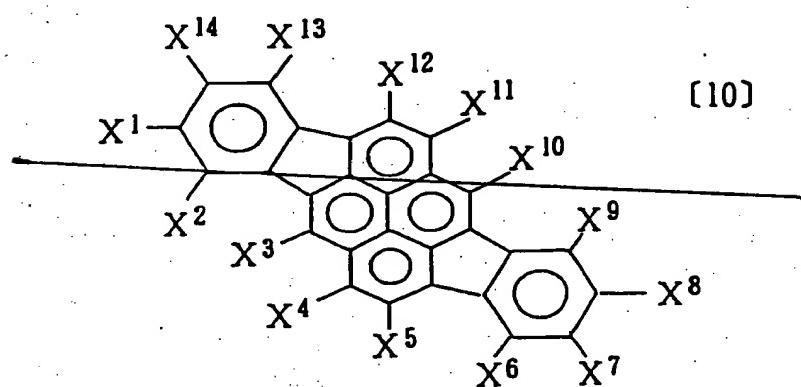
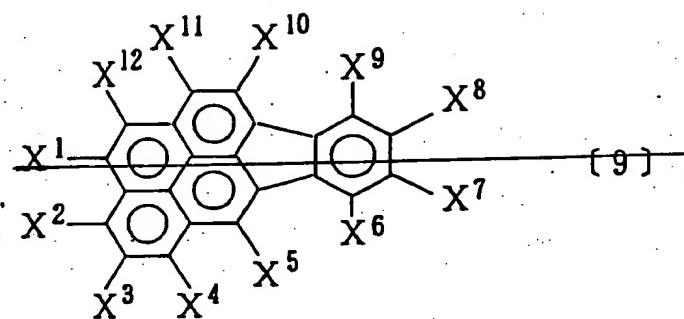
wherein R¹ to R⁴ each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms in one or both of a pair of groups represented by R¹ and R² and a pair of groups represented by R³ and R⁴, the groups forming the pair may be bonded through -O- or -S-; R⁵ to R¹⁶ represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms a pair of adjacent groups represented by R⁵ to R¹⁶ and a pair of adjacent substituents to groups represented by R⁵ to R¹⁶ may form a cyclic structure in combination; and at least one of substituents represented by R⁵ to R¹⁶ comprises an amine group;

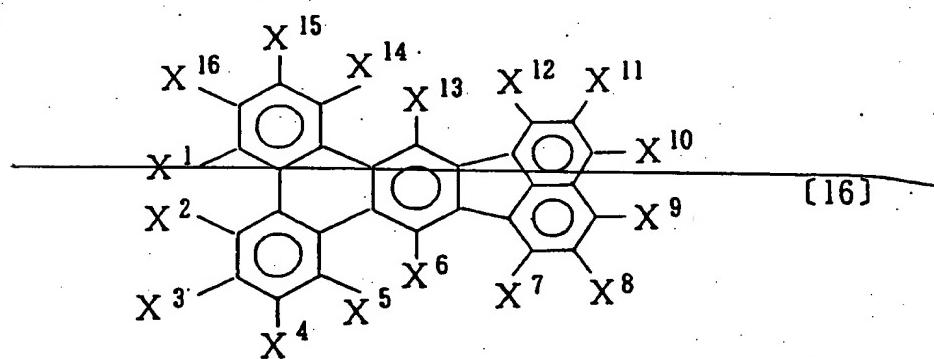
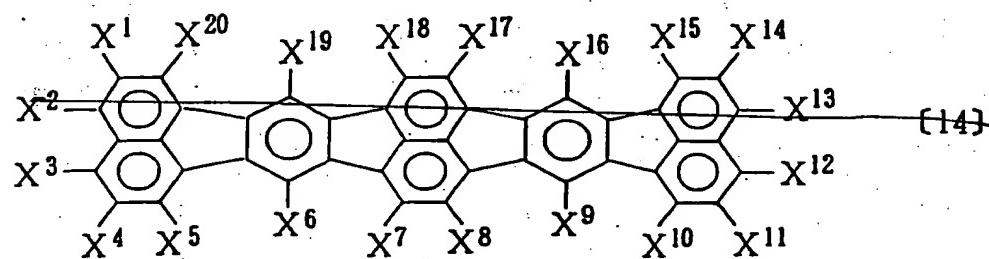
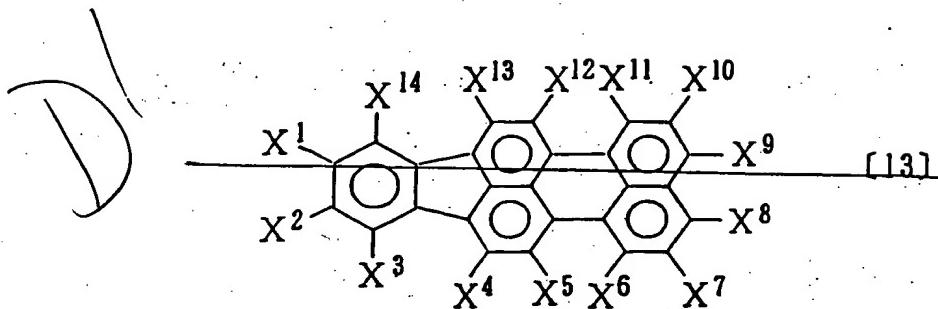
and isomers thereof, wherein, among said compound and isomers thereof, a ratio of an amount by mole of an isomer represented by general formula [17] to an amount by mole of an isomer represented by general formula [18] is in a range of 90:10 to 60:40.

15. (Currently Amended) A compound having a fluoranthene skeleton structure substituted at least with an amino group or an alkenyl group represented by any of the following general formulae [1] to [14] and [16] to [18]:

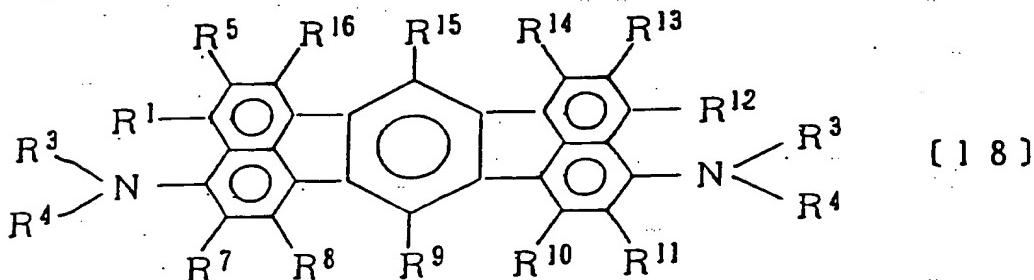
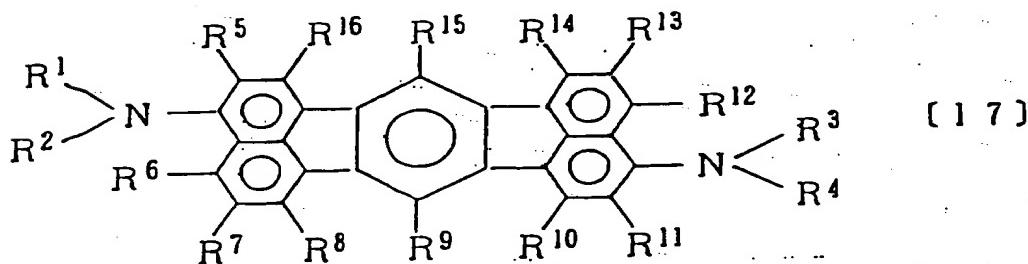






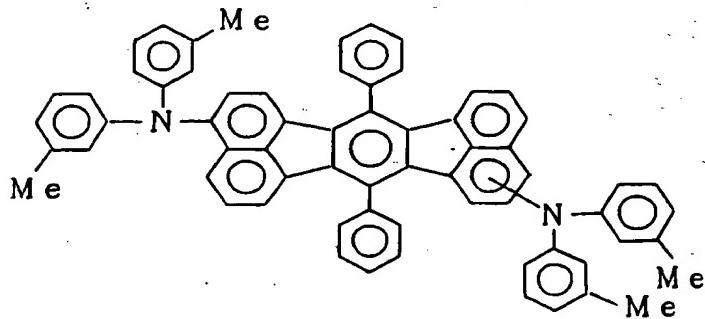
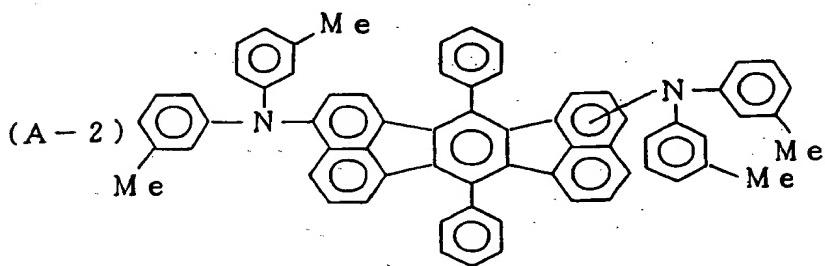
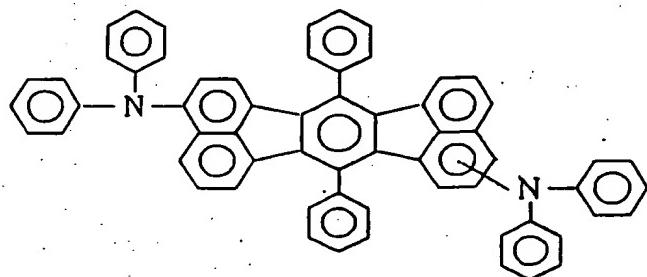
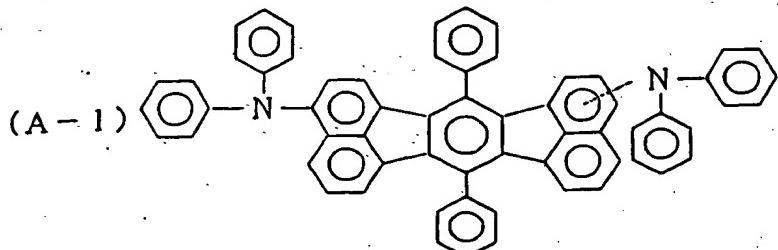


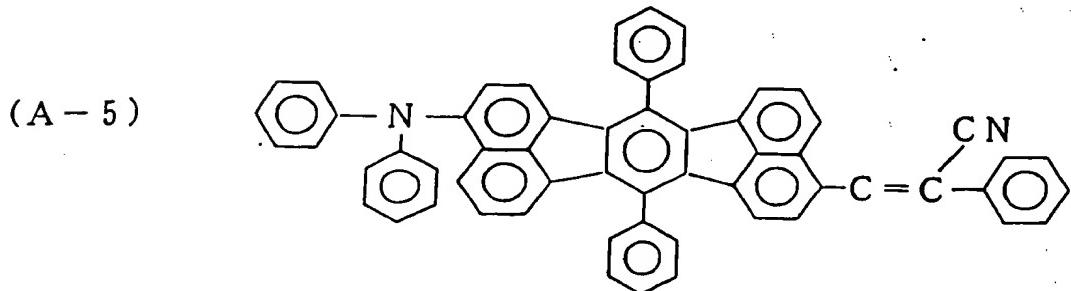
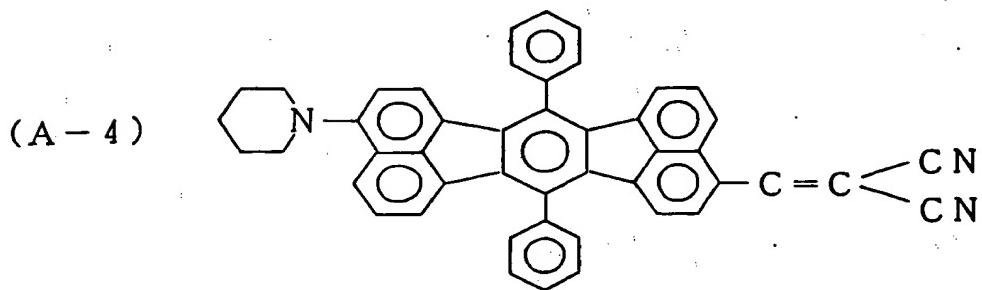
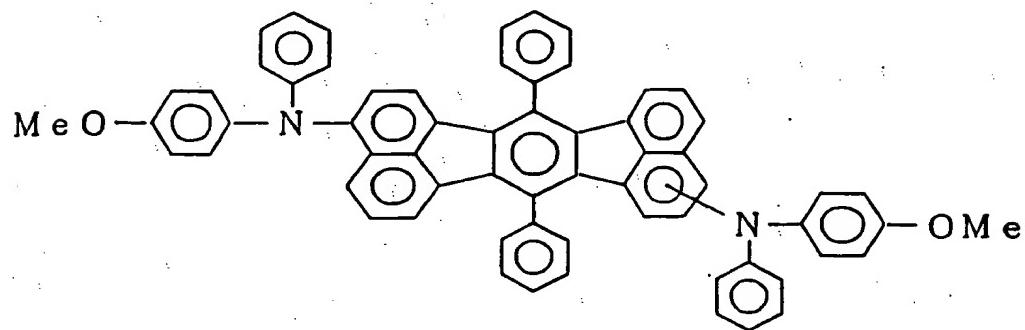
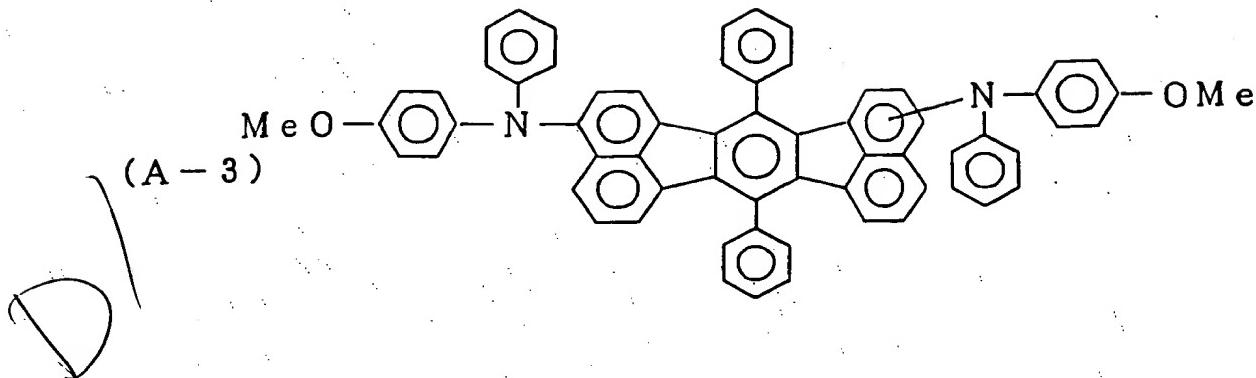
wherein X^1 to X^{20} each independently represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms a pair of adjacent groups represented by X^1 to X^{20} and a pair of adjacent substituents to groups represented by X^1 to X^{20} may form a cyclic structure in combination; when a pair of adjacent substituents are aryl groups, the pair of substituents may be a single group; and at least one of substituents represented by X^1 to X^i , i representing a number of 12 to 20, comprises an amine group or an alkenyl group; with the exception that the combination of forming any cyclic structure with any of the substituted group pairs X^{13} and X^{14} , X^3 and X^4 , X^{10} and X^{11} , and X^6 and X^7 in the general formula (3) is omitted;



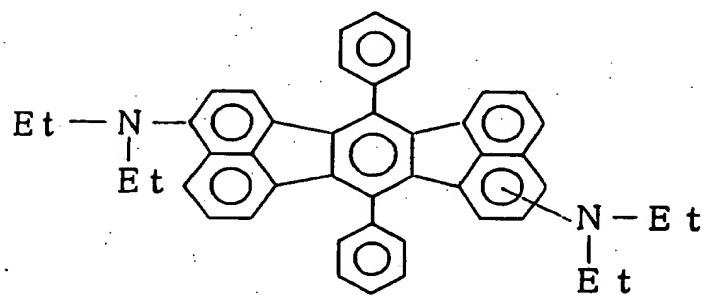
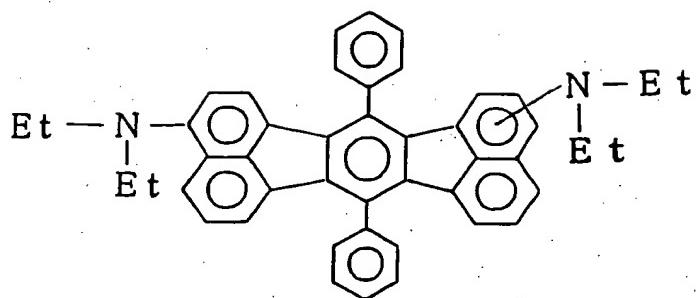
wherein R₁ to R⁴ each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms in one or both of a pair of groups represented by R¹ and R² and a pair of groups represented by R³ and R⁴, the groups forming the pair may be bonded through -O- or -S-; R⁵ to R¹⁶ represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by R⁵ to R¹⁶ and a pair of adjacent substituents to groups represented by R⁵ to R¹⁶ may form a cyclic structure in combination; and at least one of substituents represented by R⁵ to R¹⁶ comprises an amine group.

Claim 16 (Currently Amended): The organic electroluminescence device according to Claim 13, wherein the compound has at least one structure selected from the group consisting of:

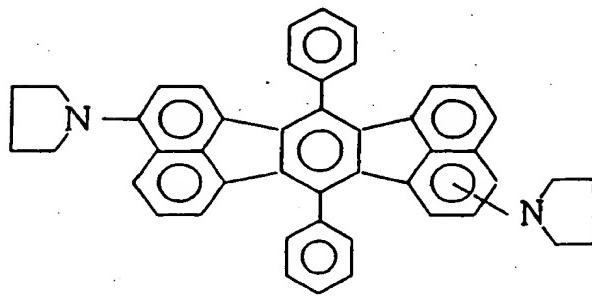
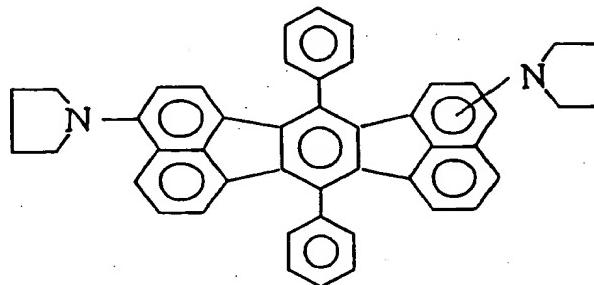




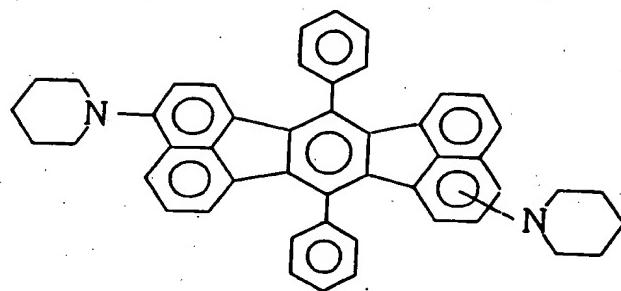
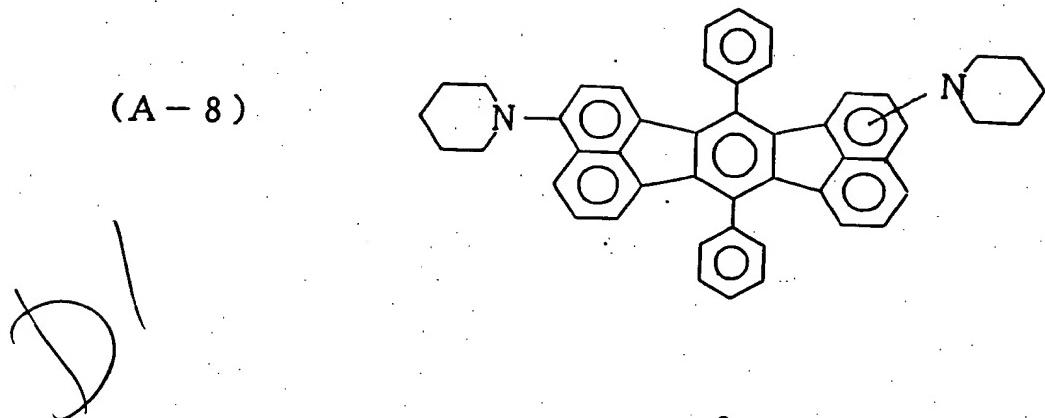
(A - 6)



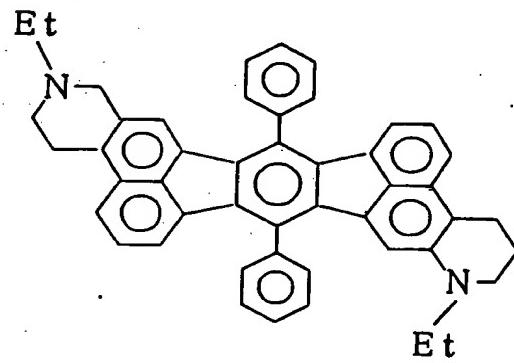
(A - 7)



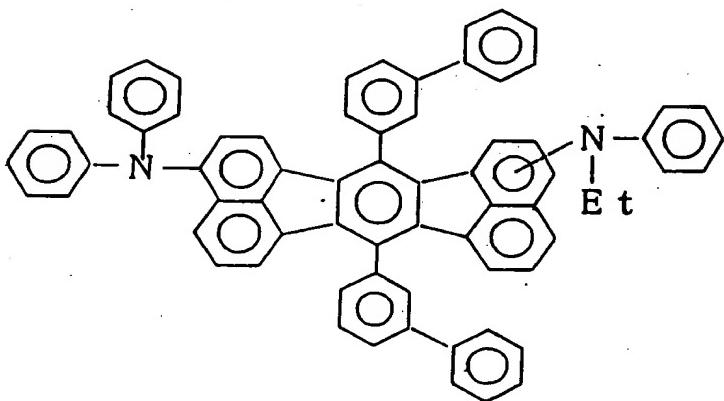
(A - 8)

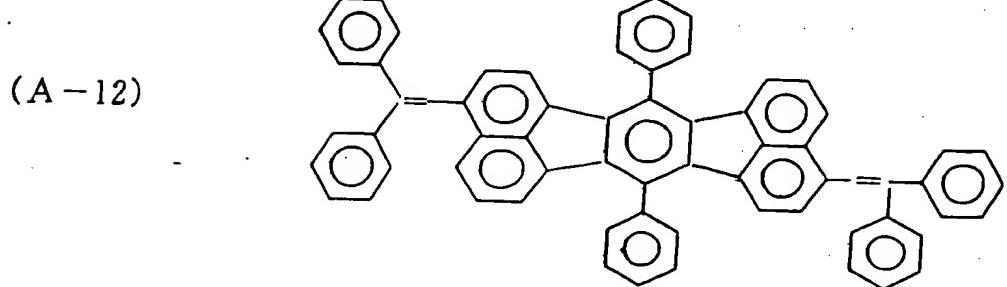
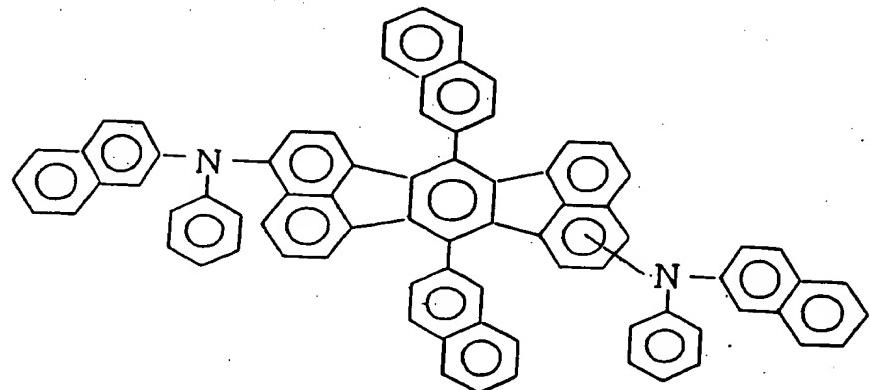
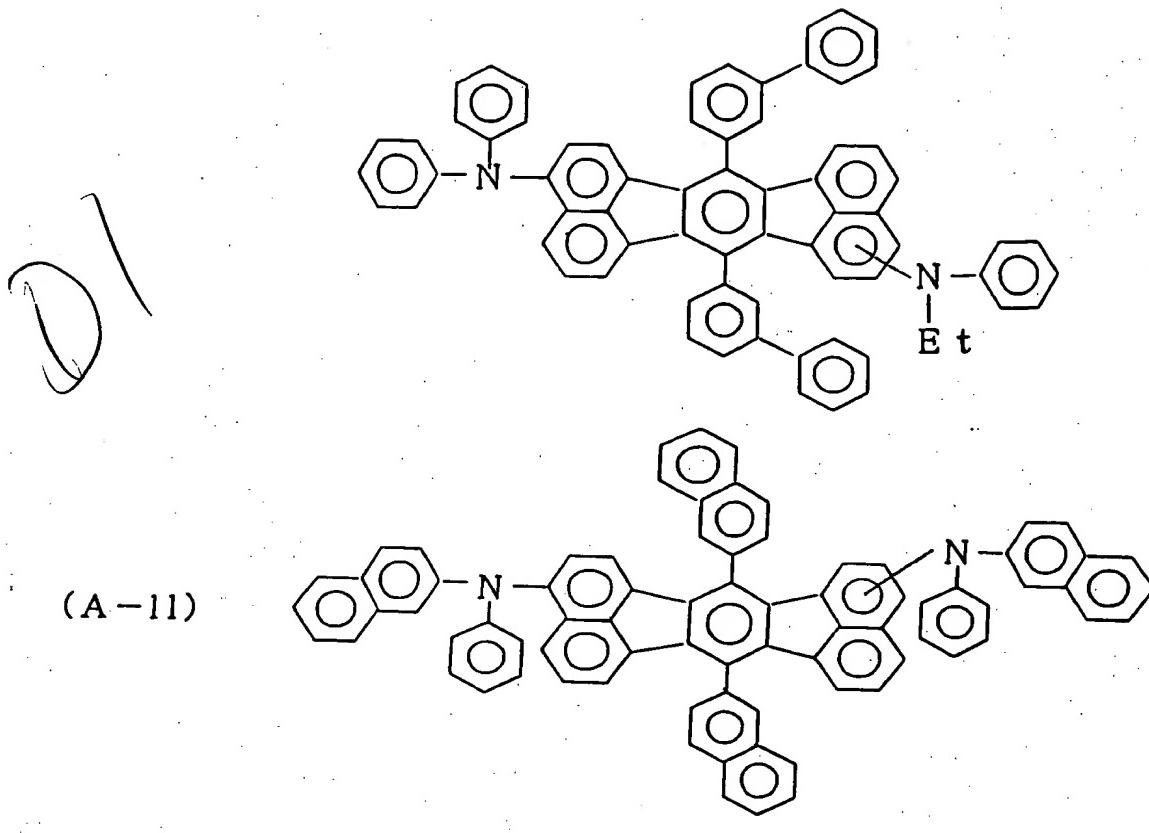


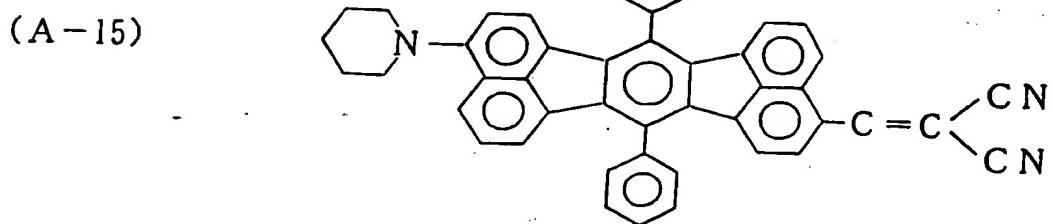
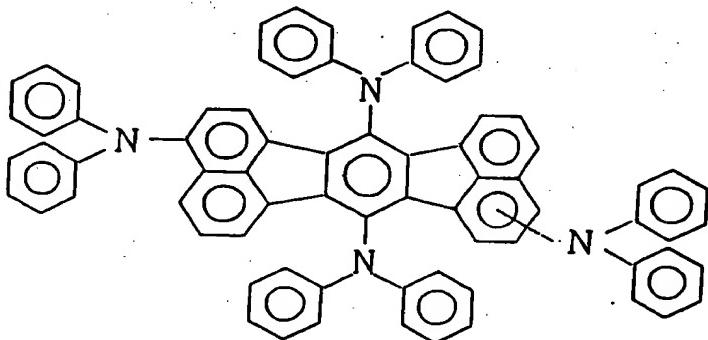
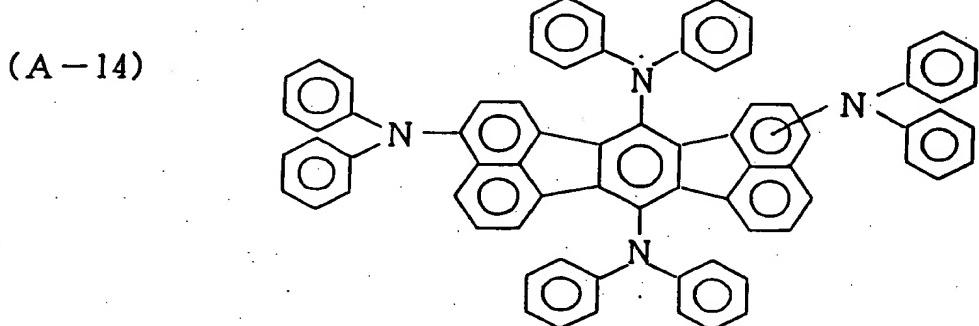
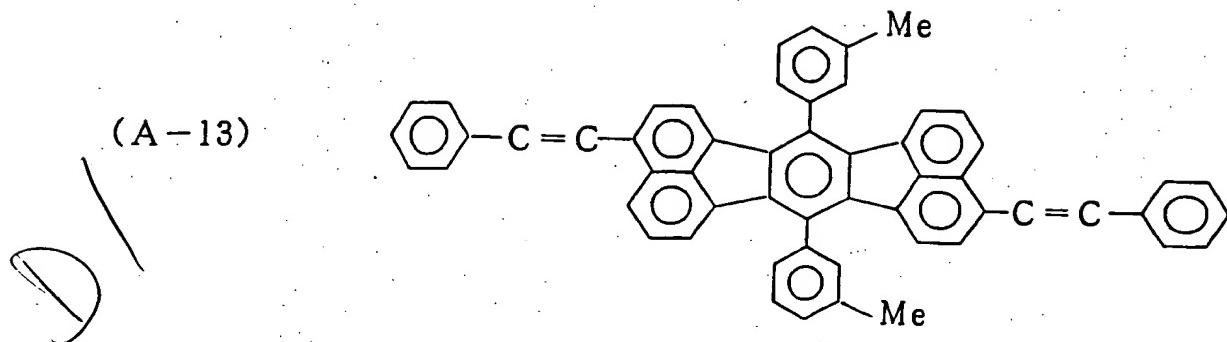
(A - 9)

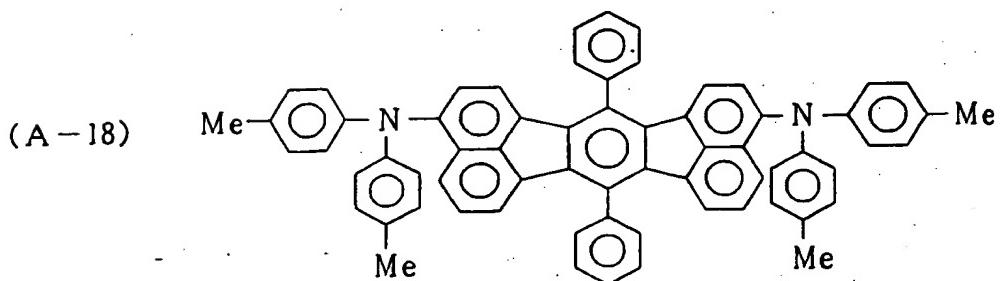
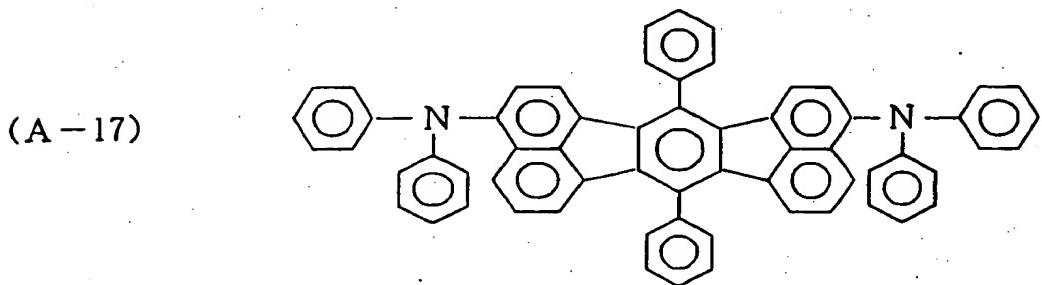
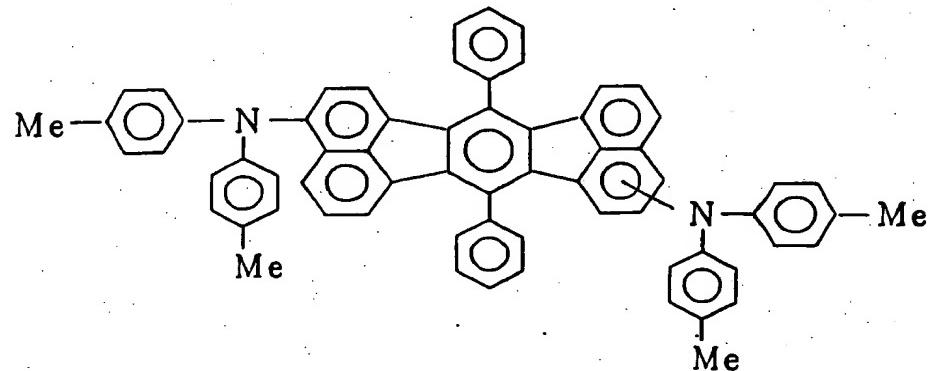
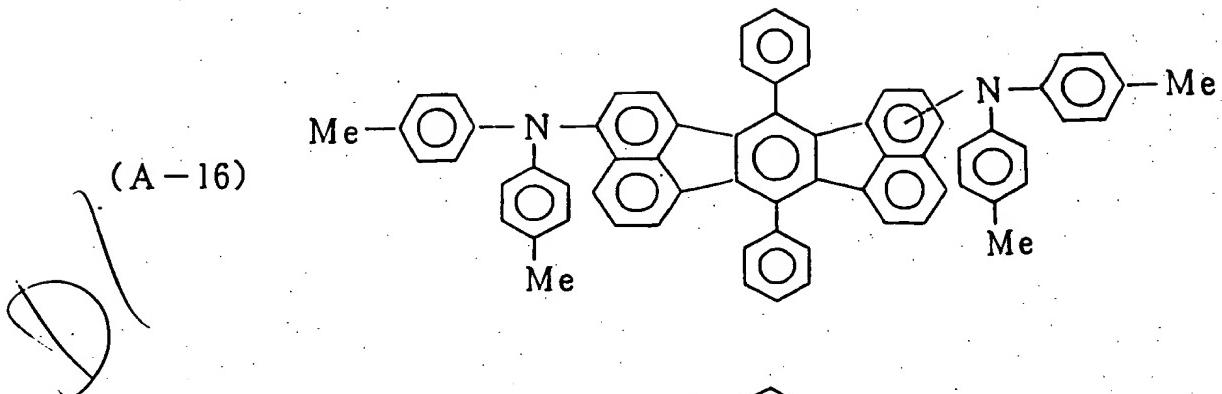


(A - 10)

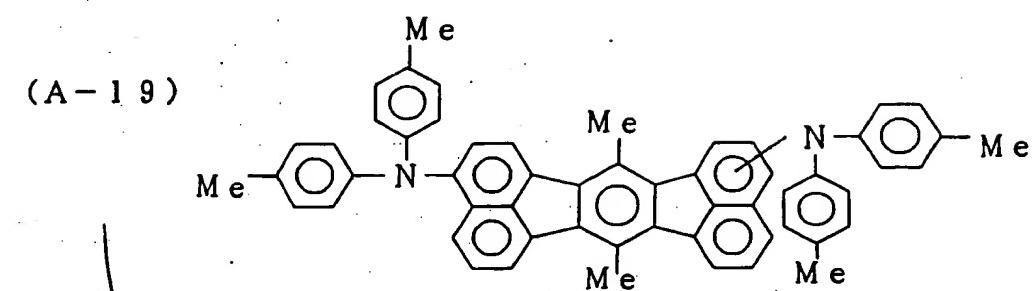




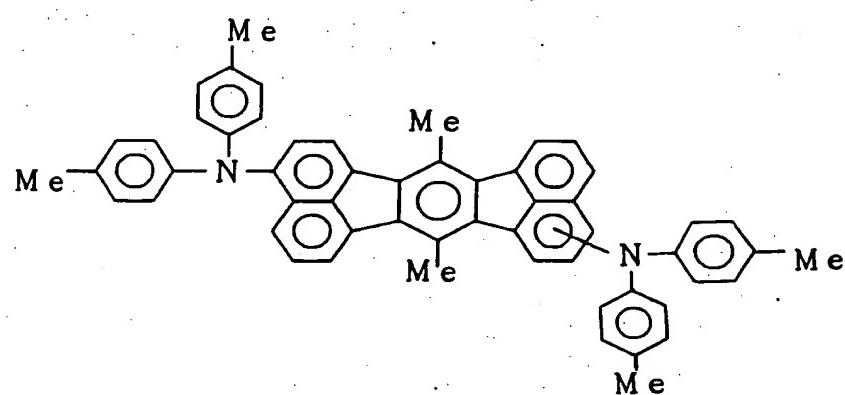




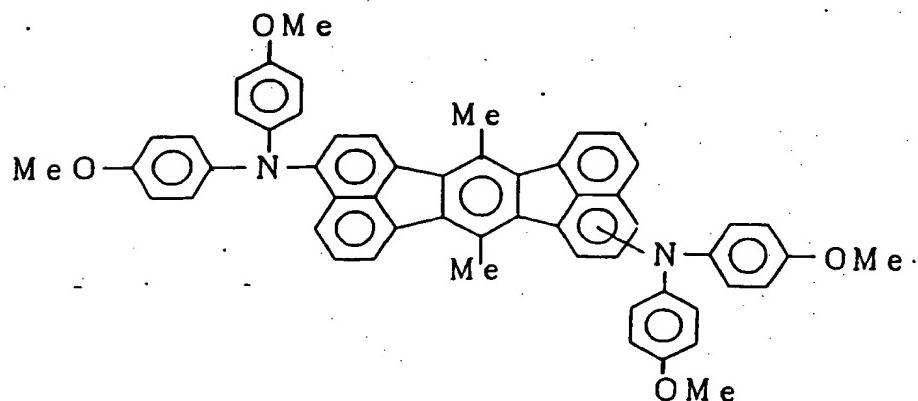
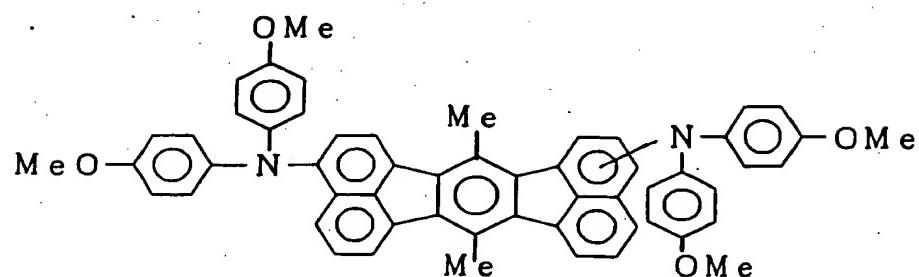
(A-19)

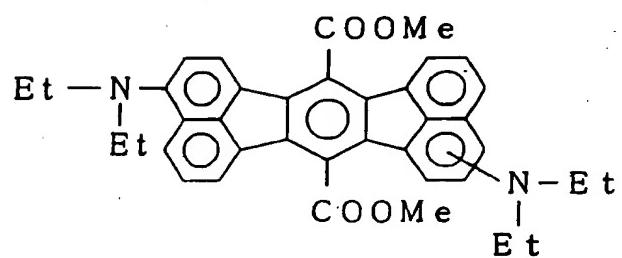
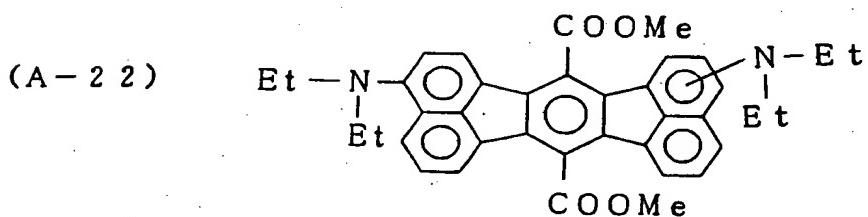
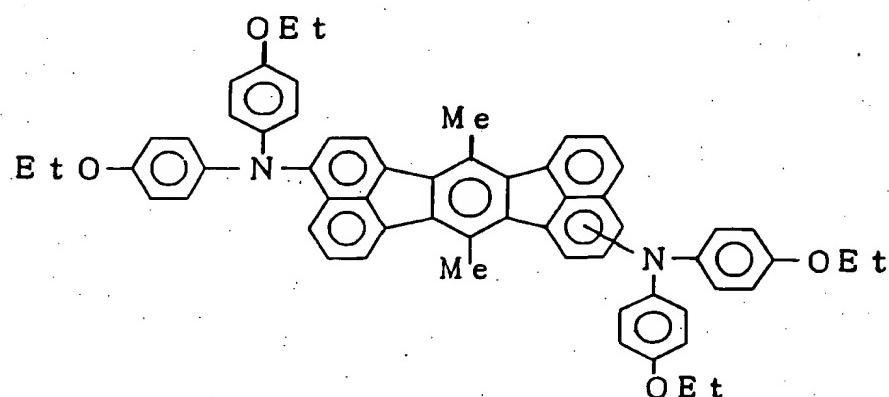
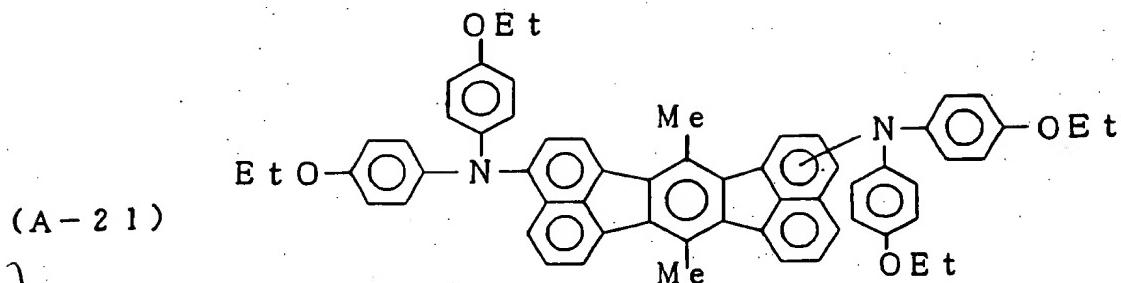


D

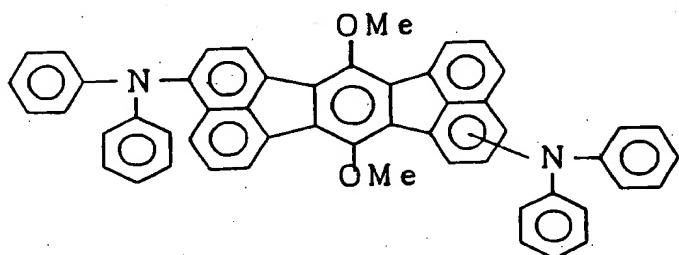
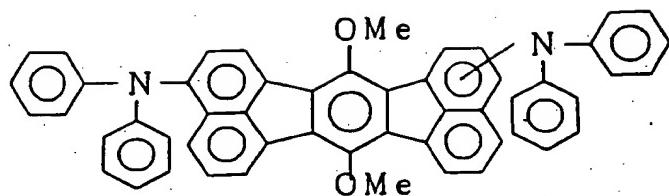


(A-20)

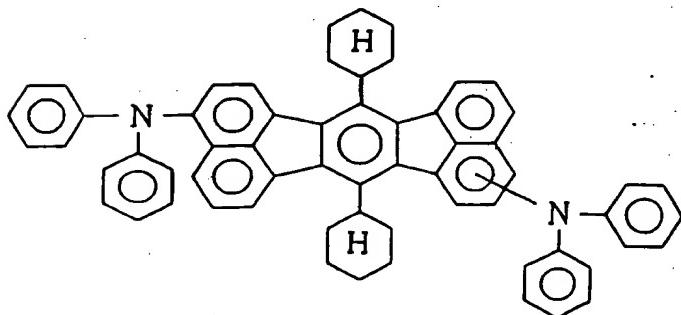
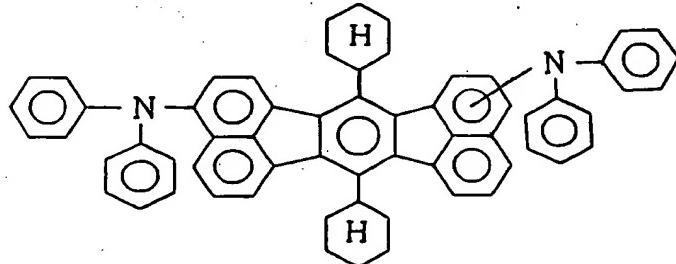




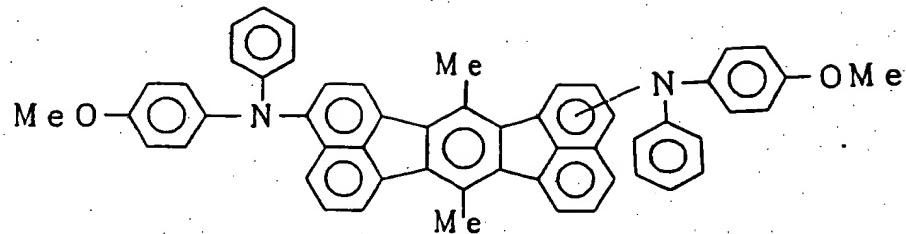
(A - 2 3)



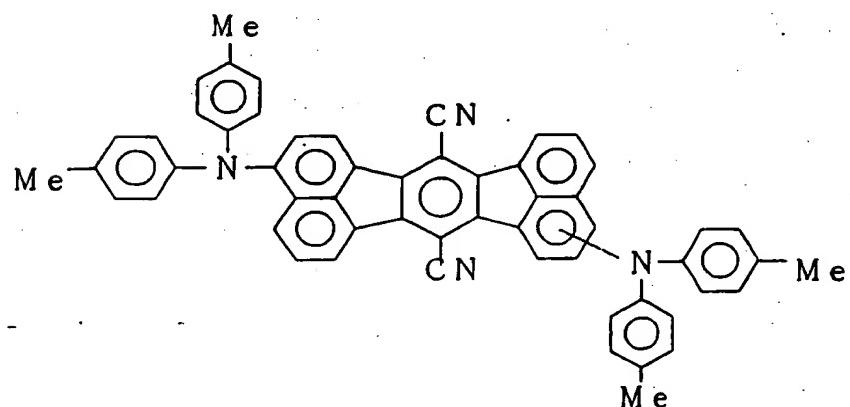
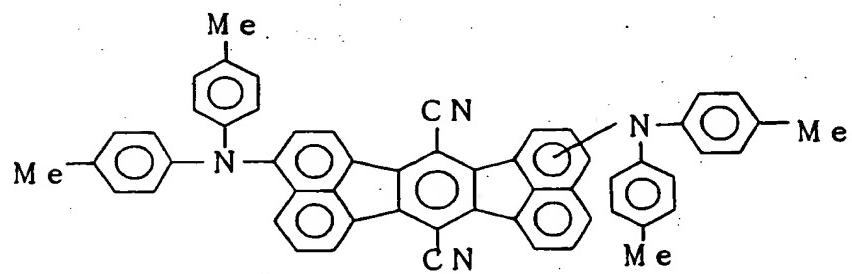
(A - 2 4)



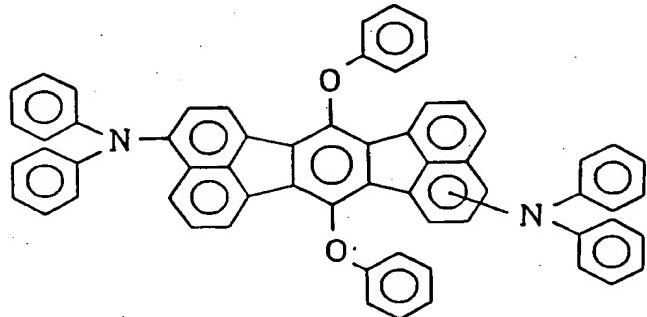
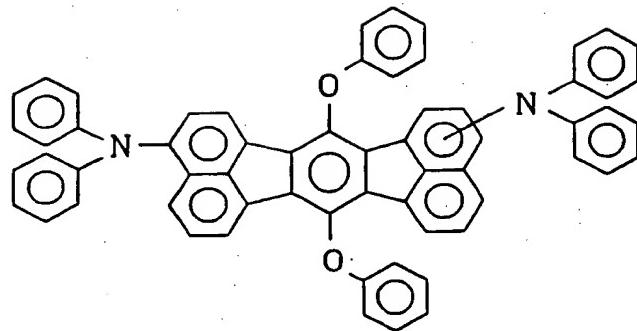
(A - 2 5)



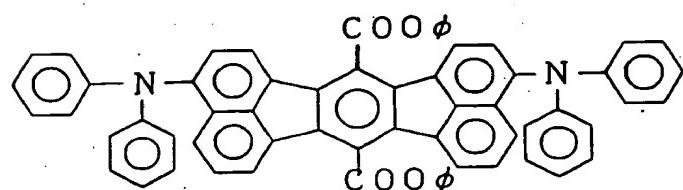
(A - 2 6)



(A - 27)

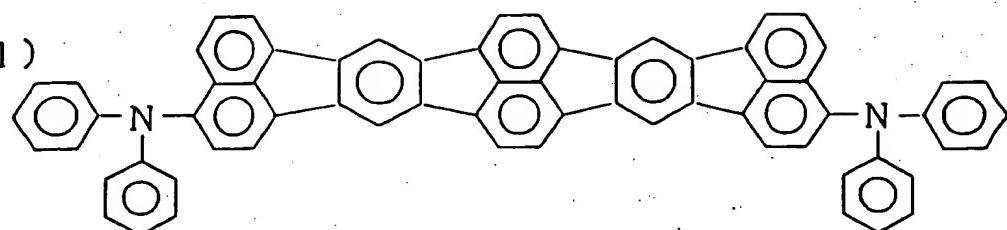


(A - 28)

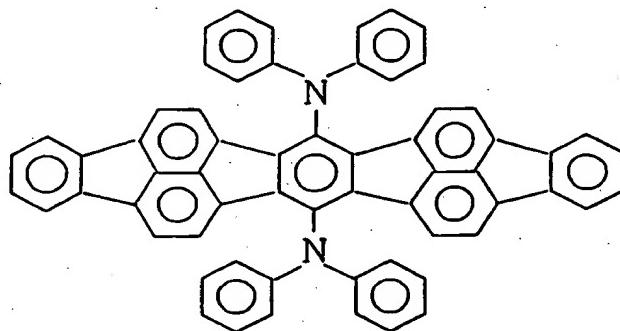


(φ is phenyl group)

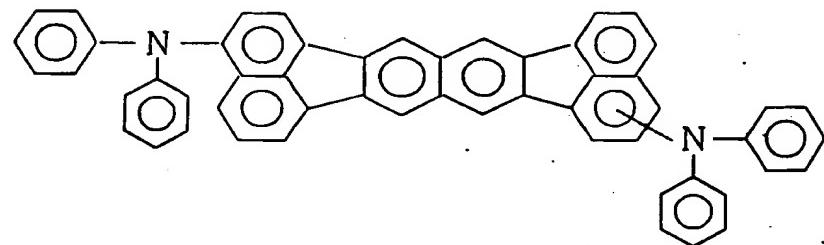
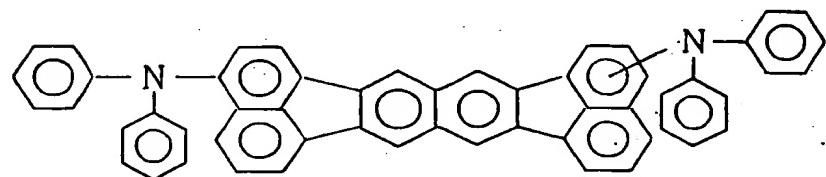
(B - 1)

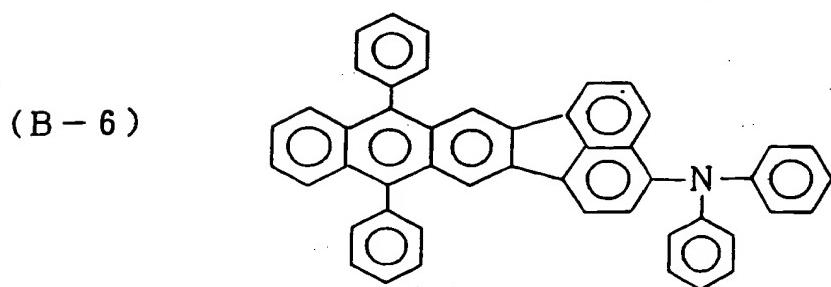
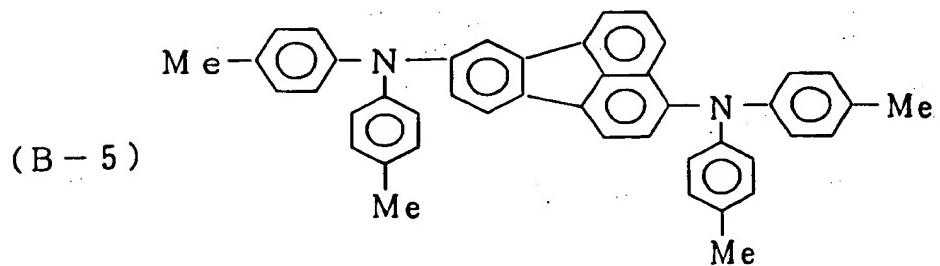
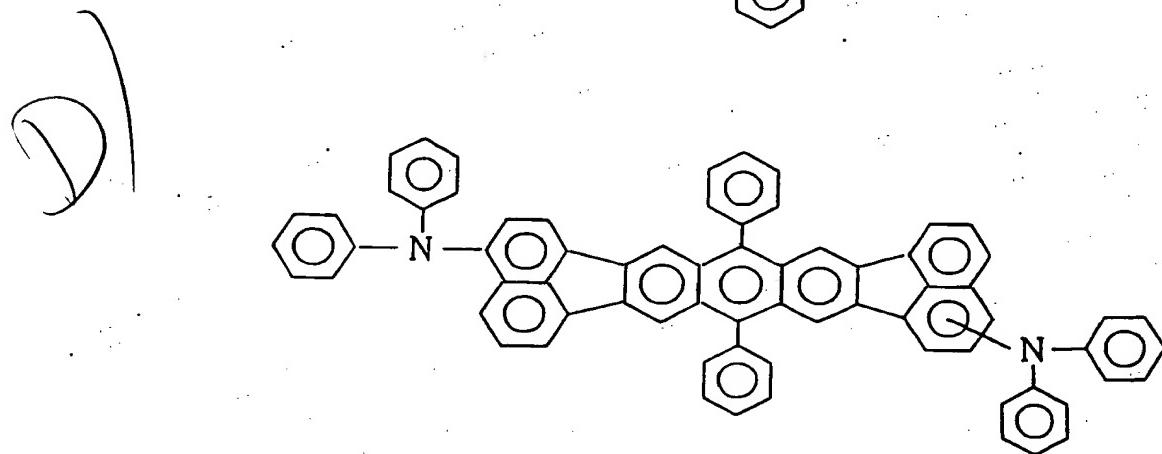
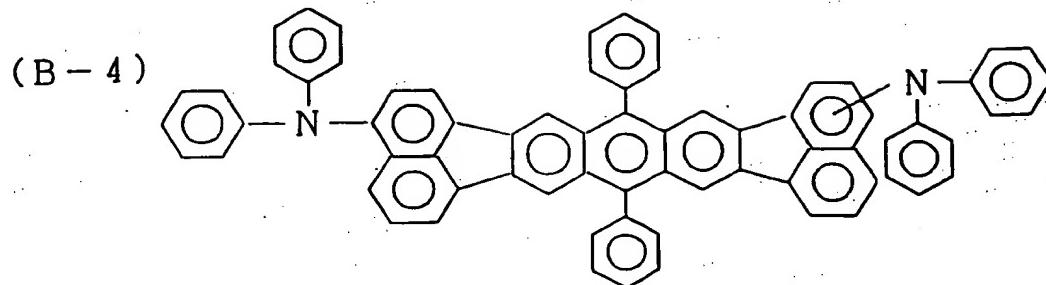


(B - 2)

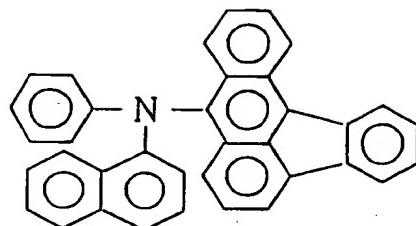


(B - 3)

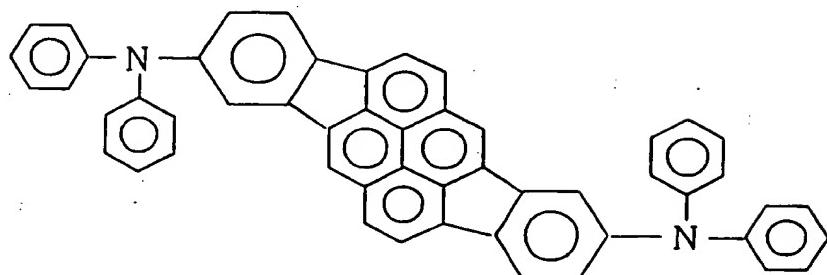




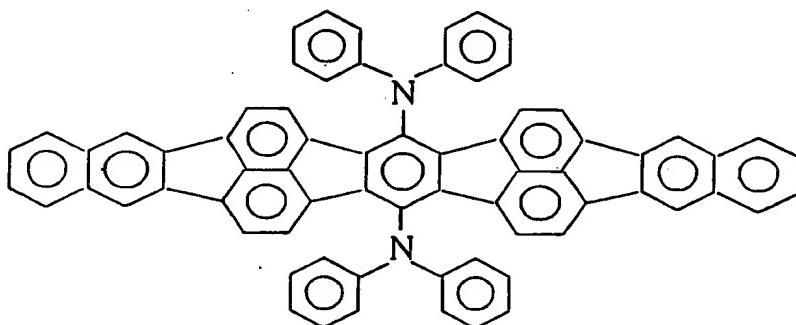
(B - 7)



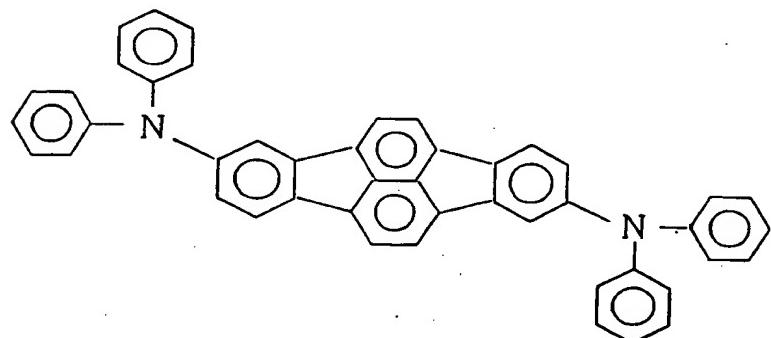
(B - 8)



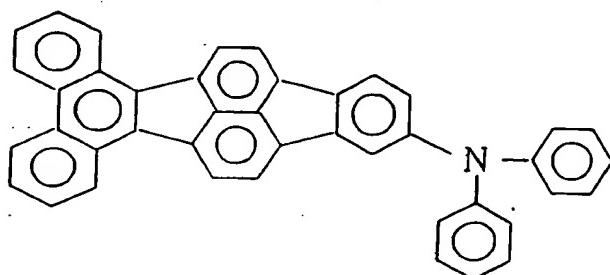
(B - 9)



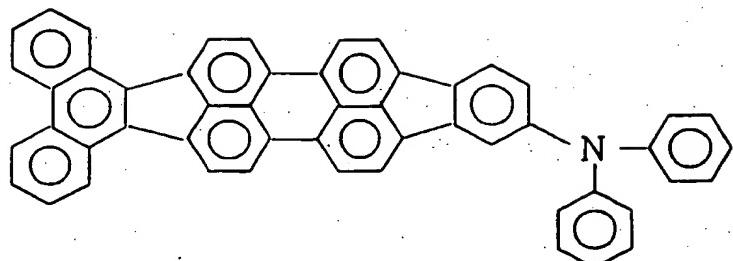
(B - 10)



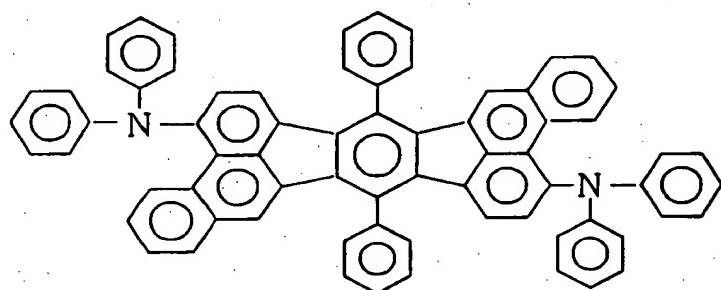
(B - 11)



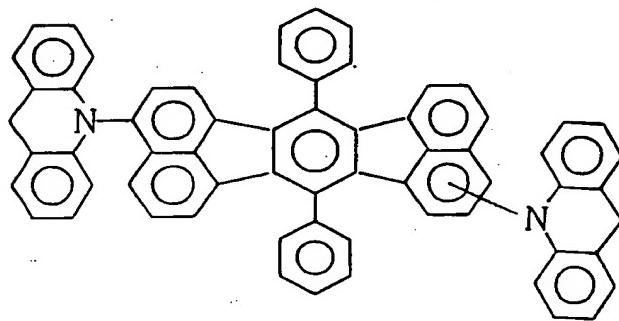
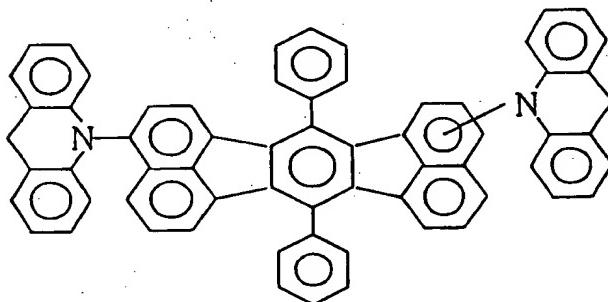
(B - 12)



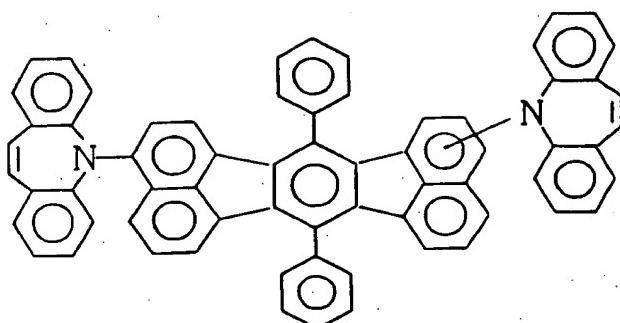
(B - 13)



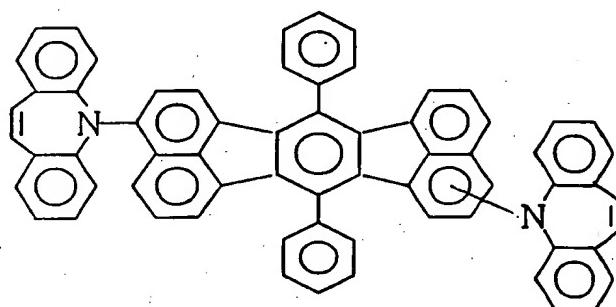
(B - 14)



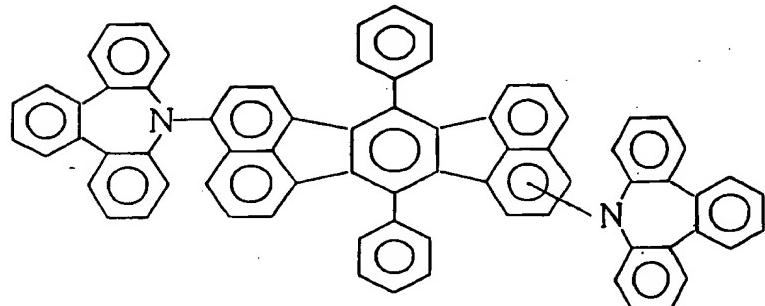
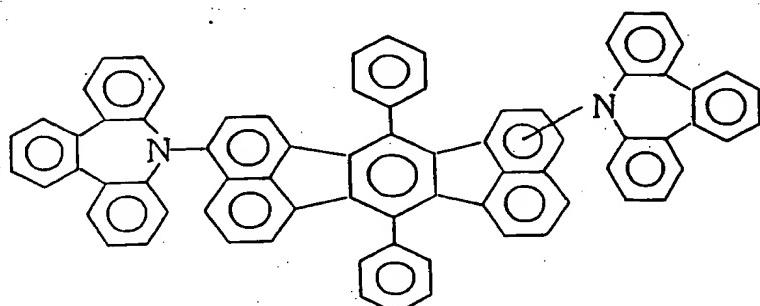
(B - 15)



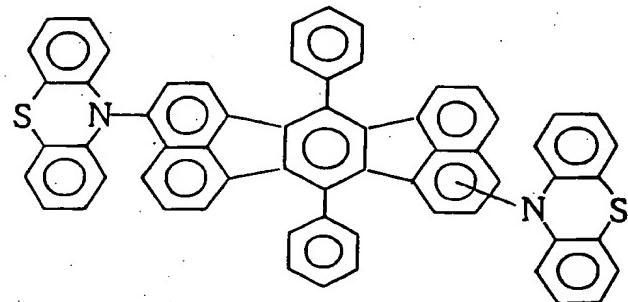
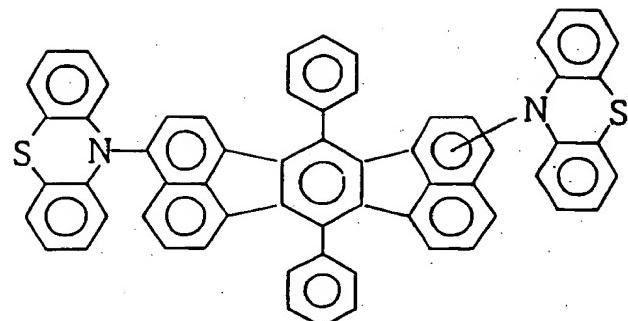
D



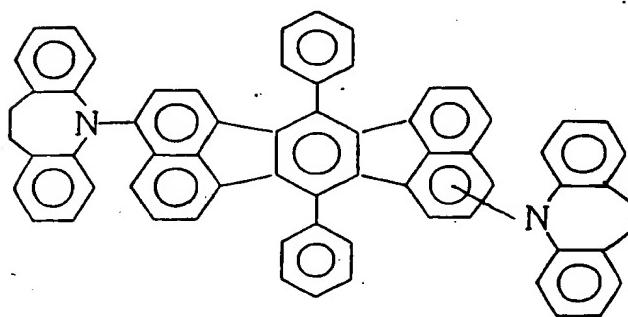
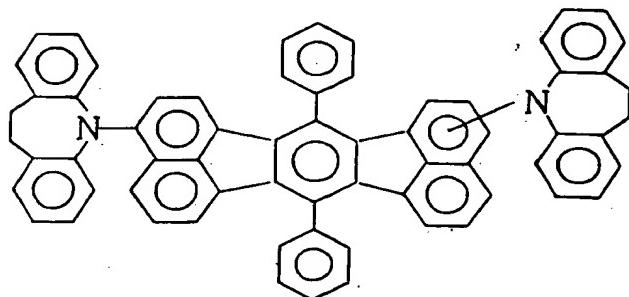
(B - 16)



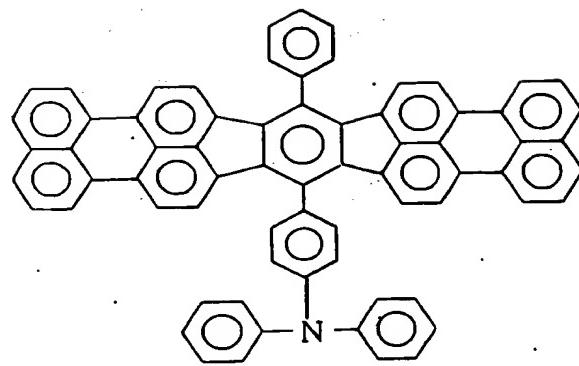
(B - 17)



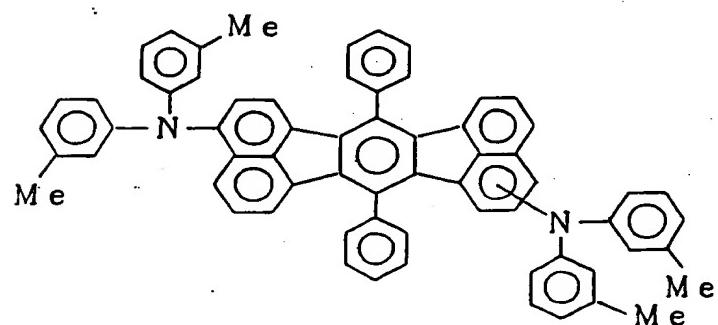
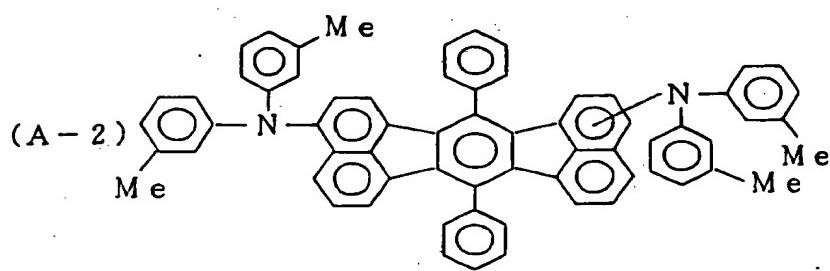
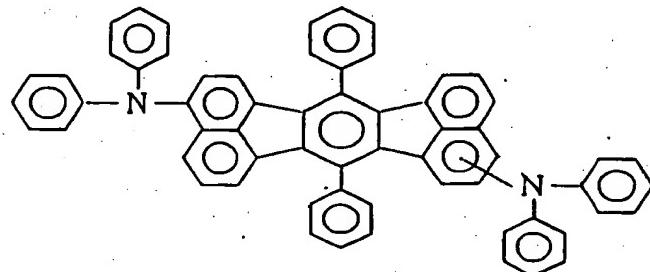
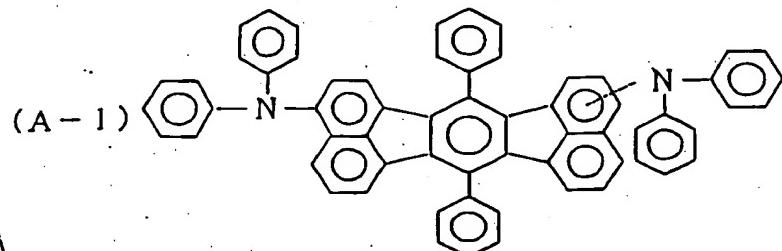
(B - 18)

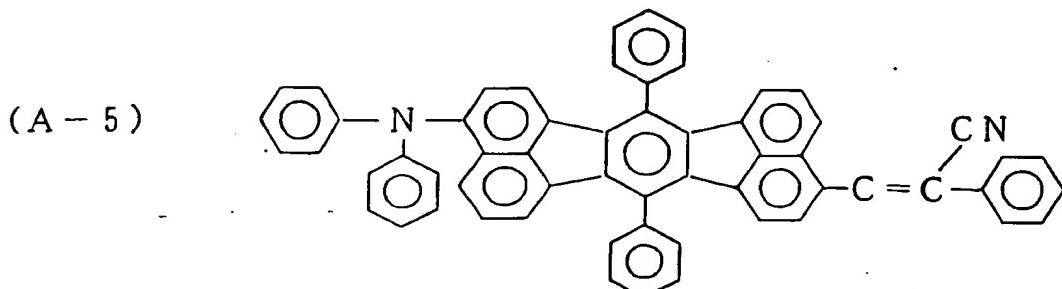
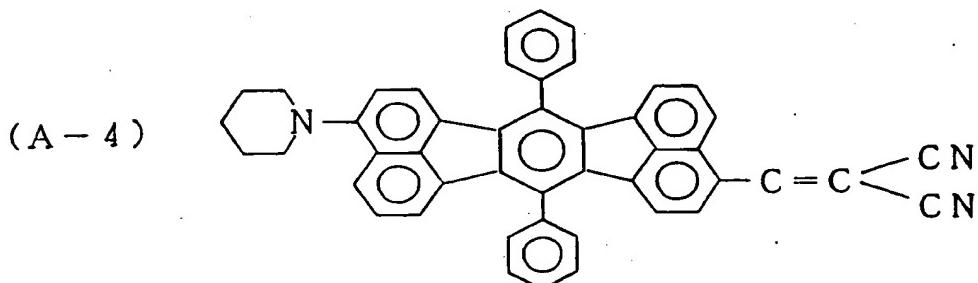
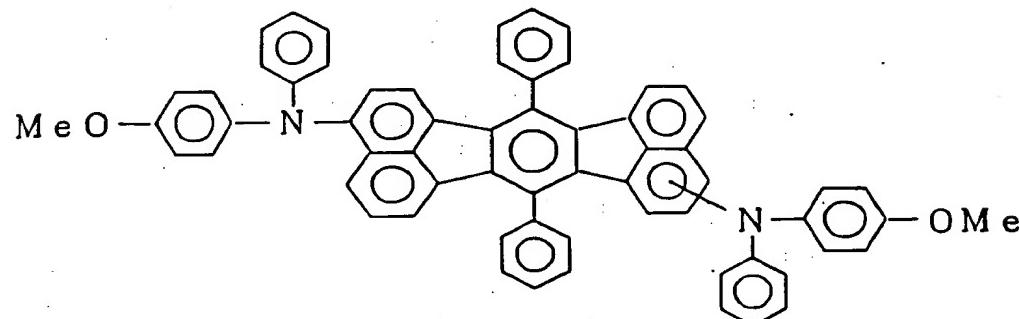
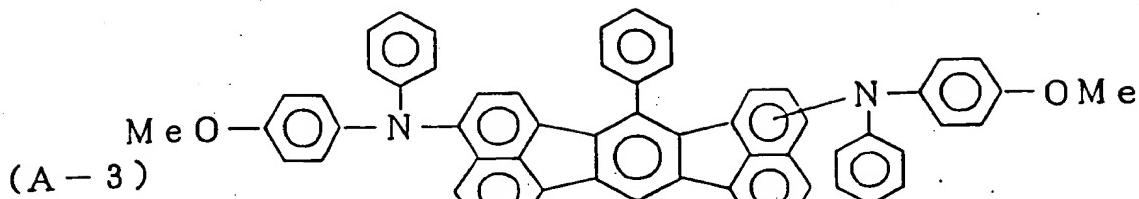


(B - 19)

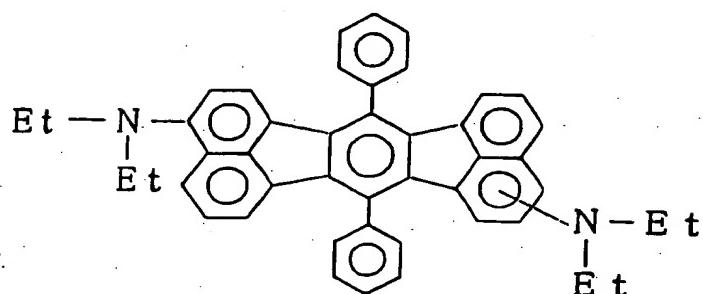
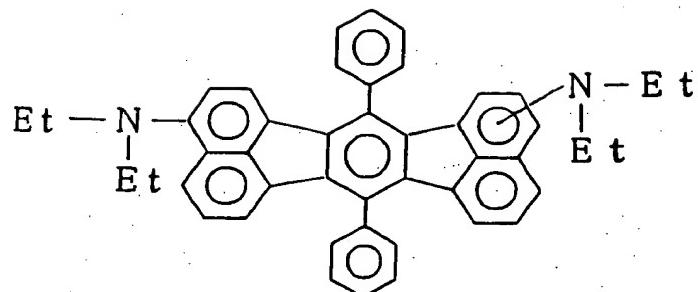


Claim 17: (Previously Presented): The compound according to Claim 15, wherein the compound has at least one structure selected from the group consisting of:

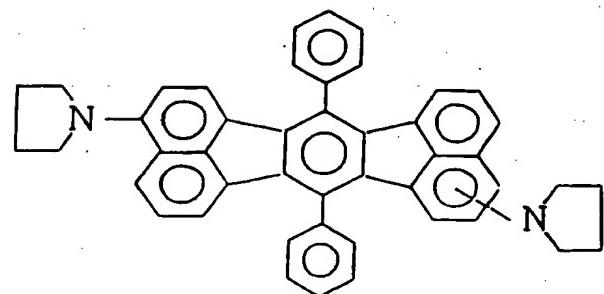
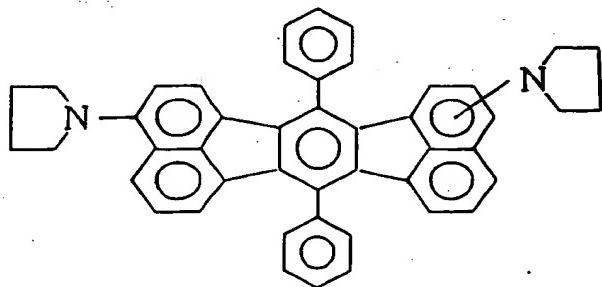




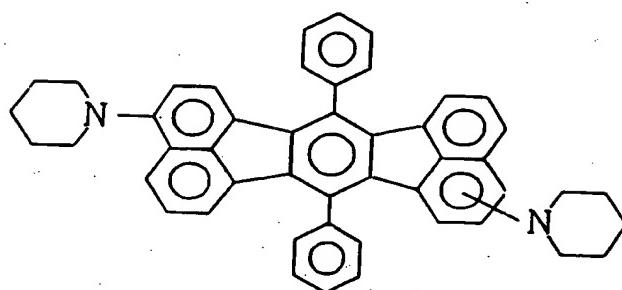
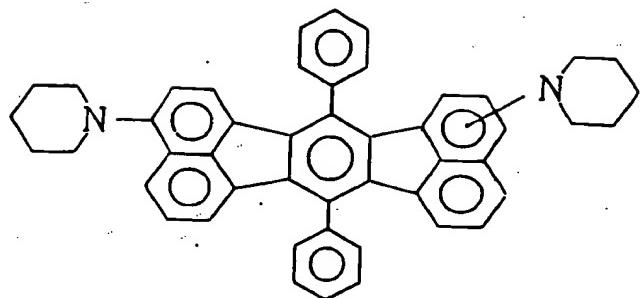
(A - 6)



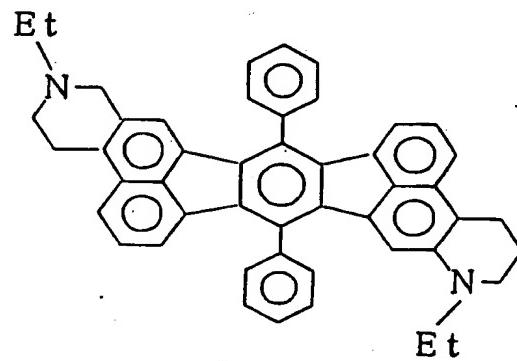
(A - 7)



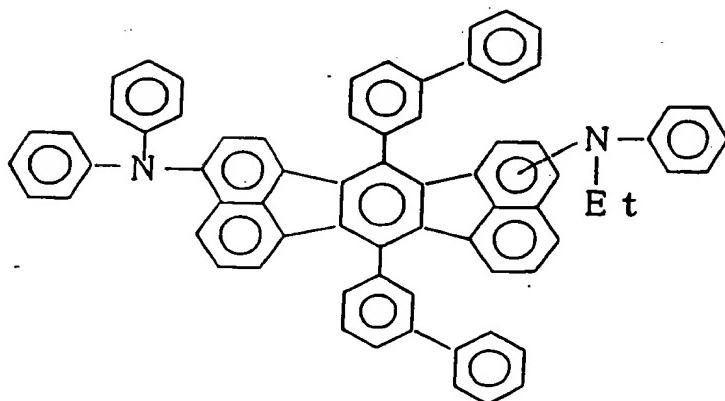
(A - 8)

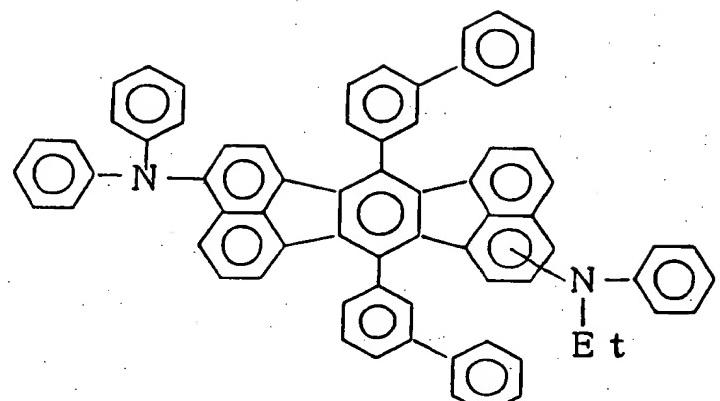


(A - 9)

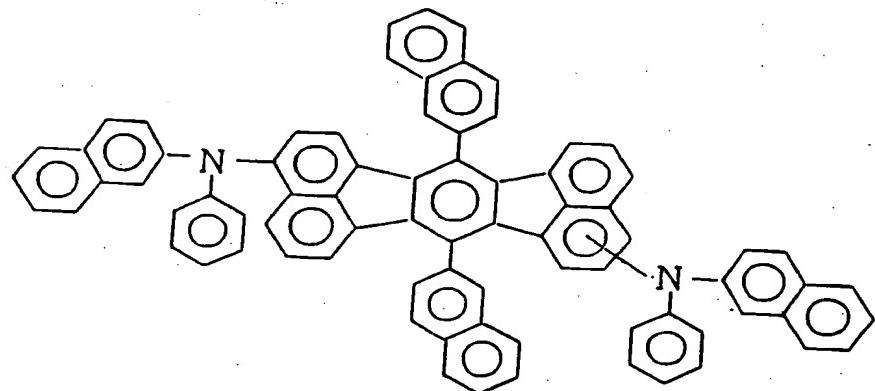
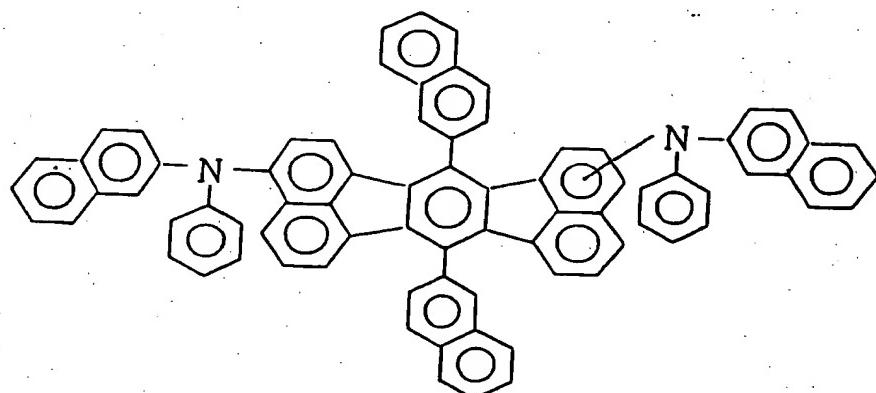


(A - 10)

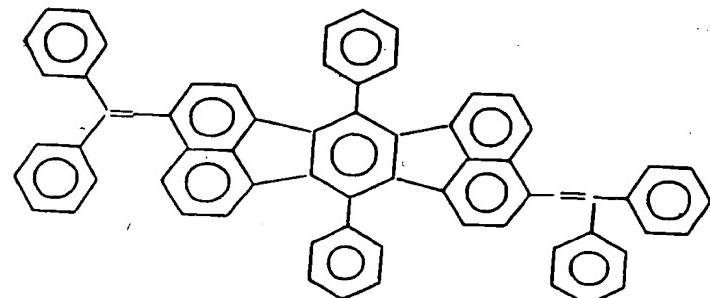




(A-11)

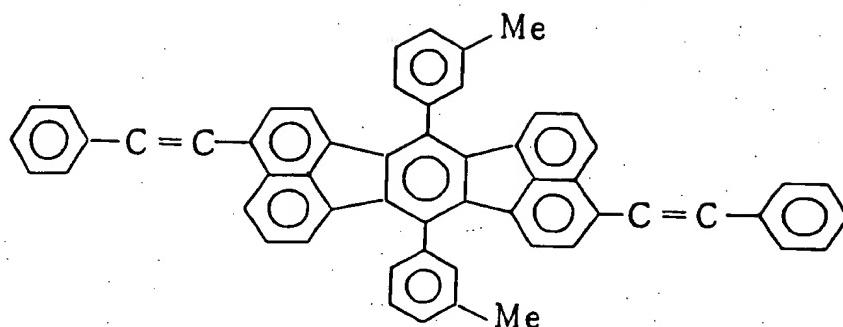


(A-12)

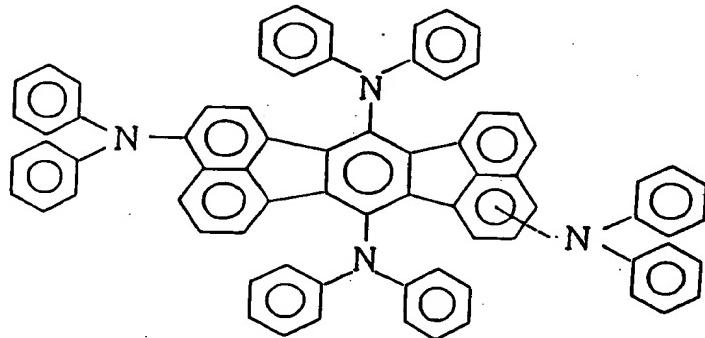
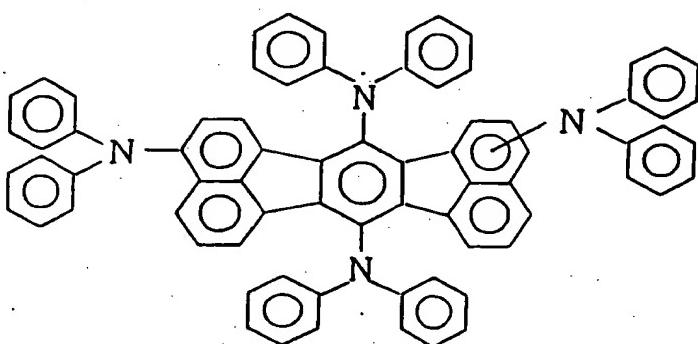


(A-13)

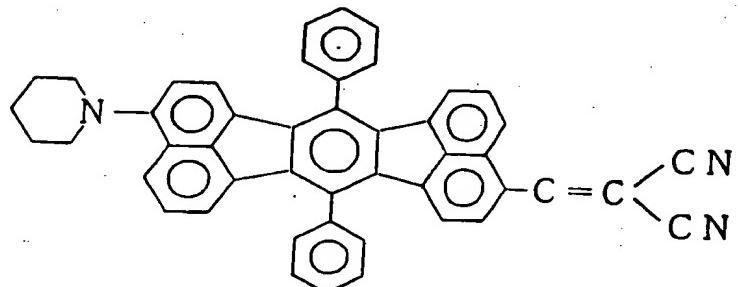
D

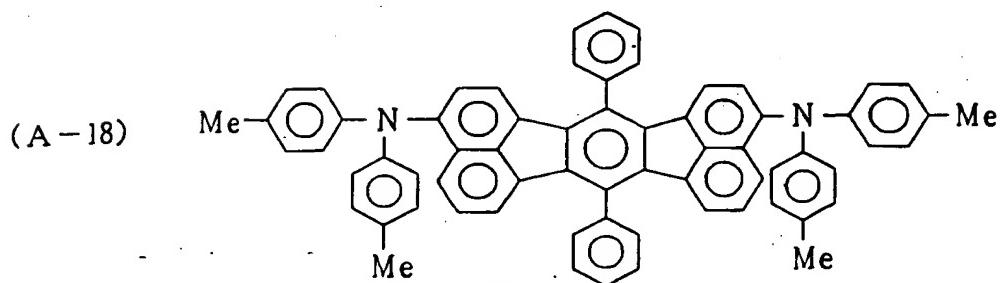
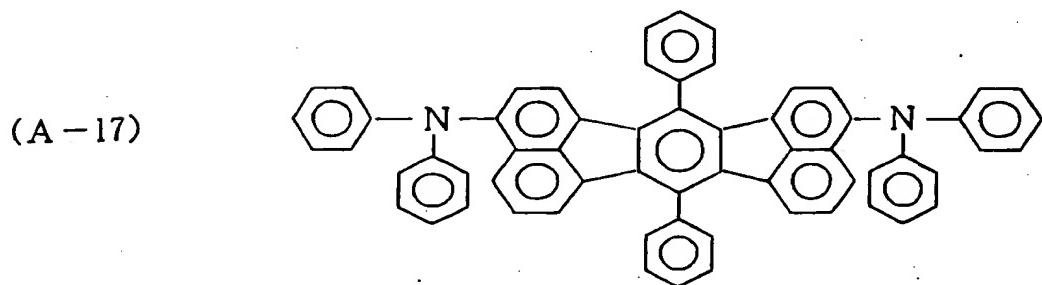
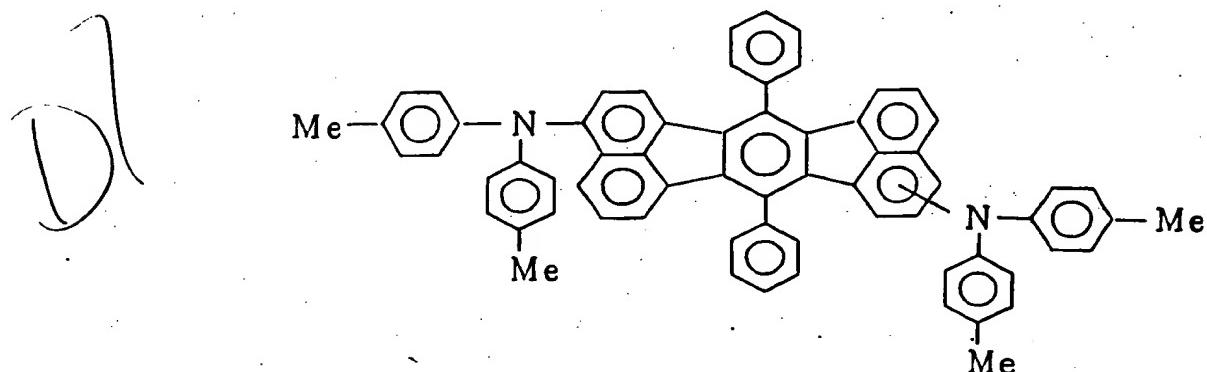
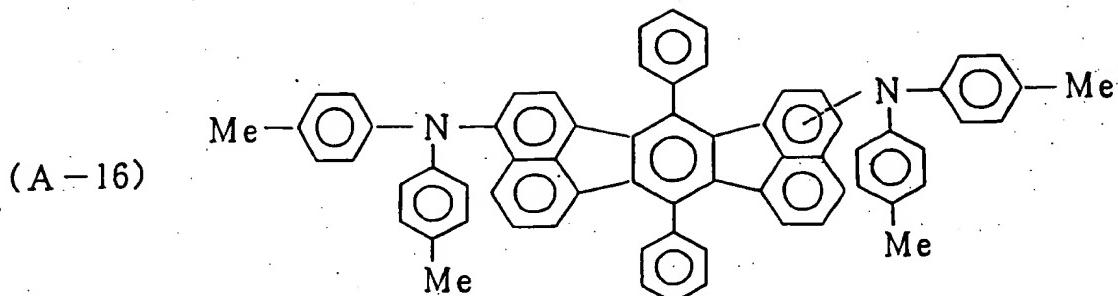


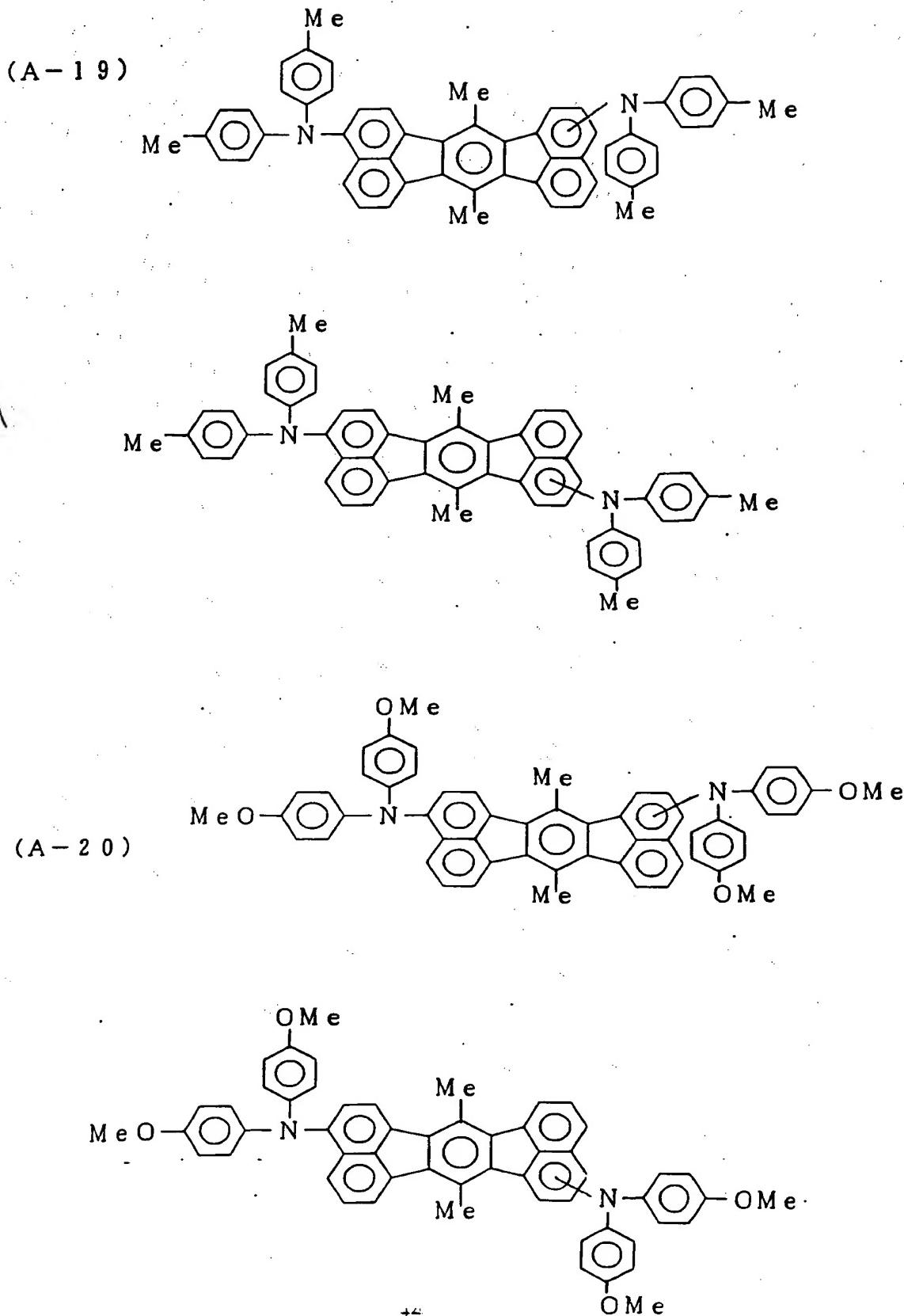
(A-14)

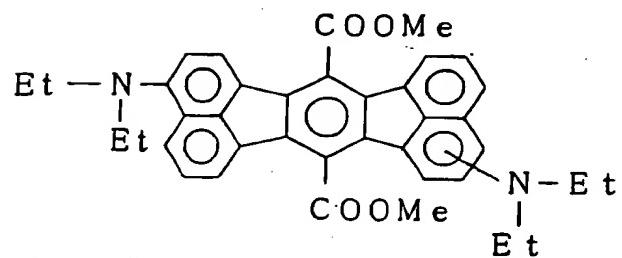
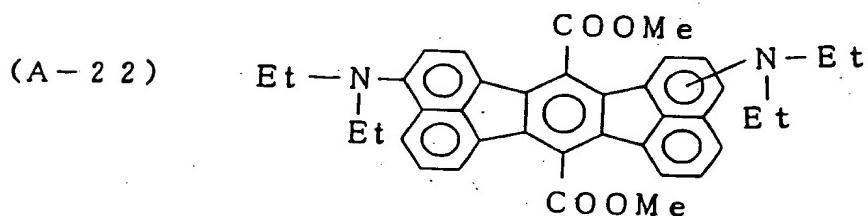
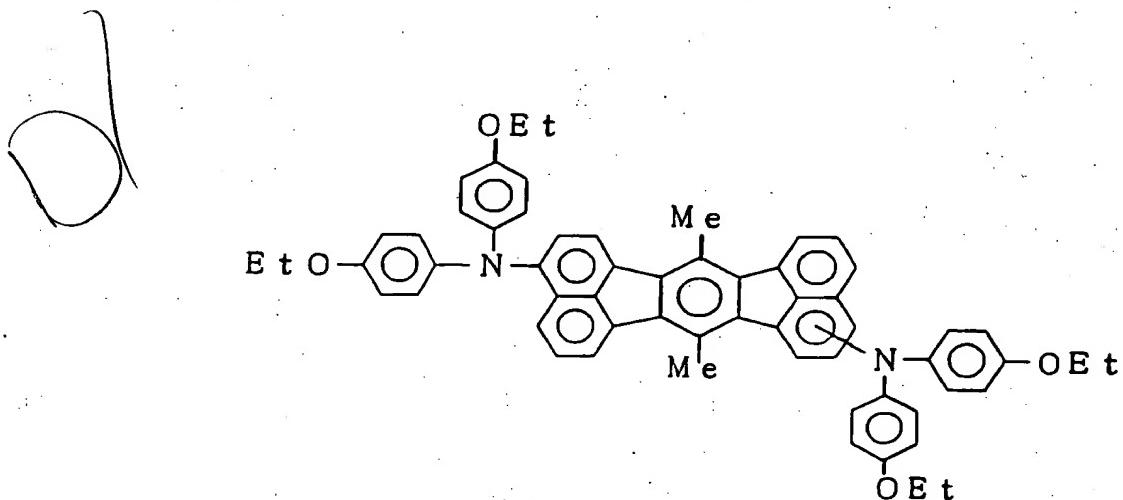
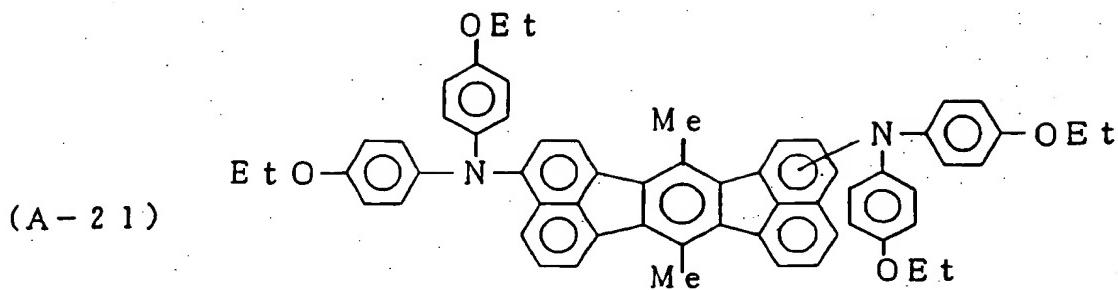


(A-15)

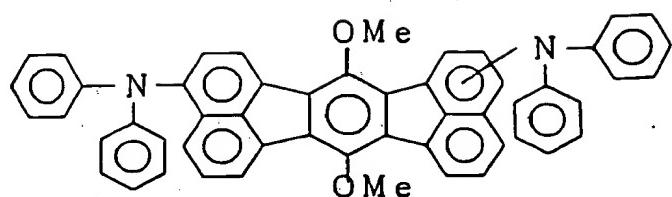




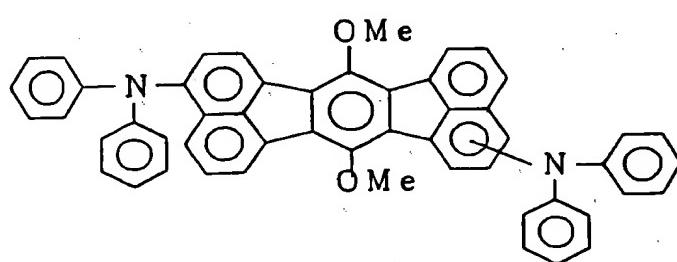




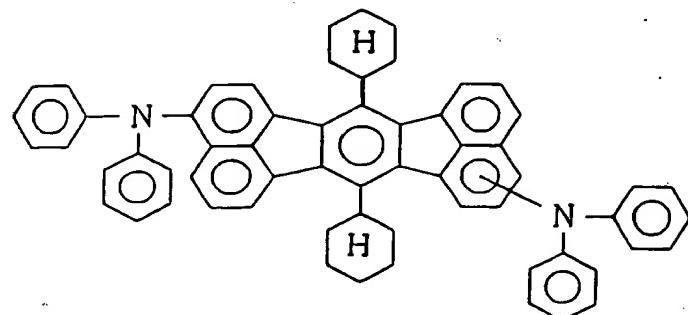
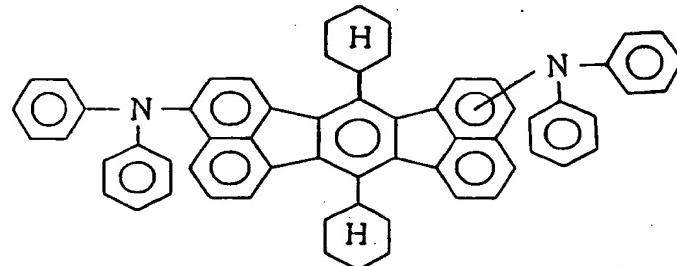
(A - 2 3)

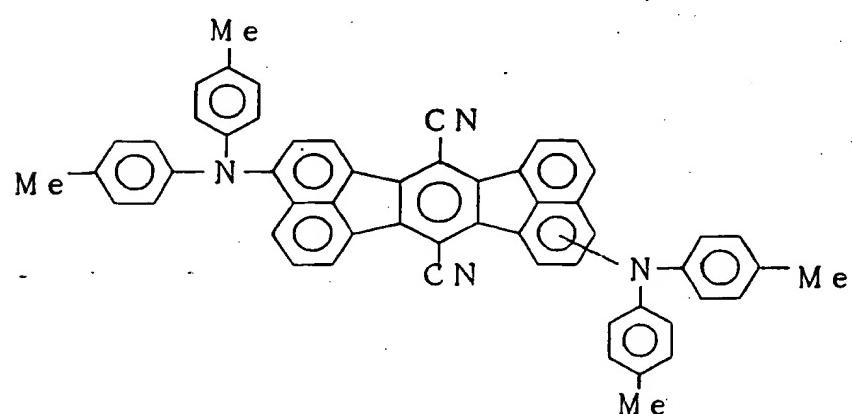
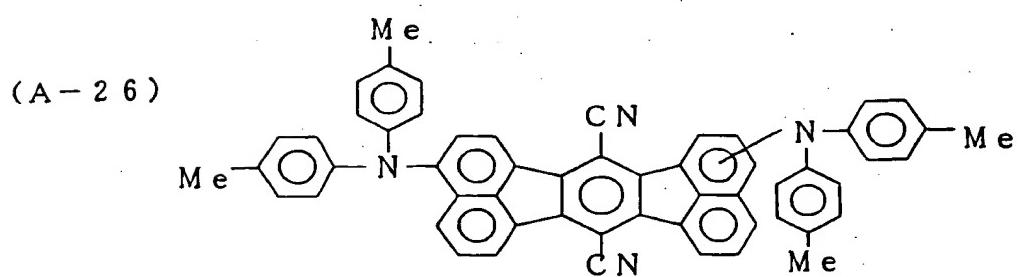
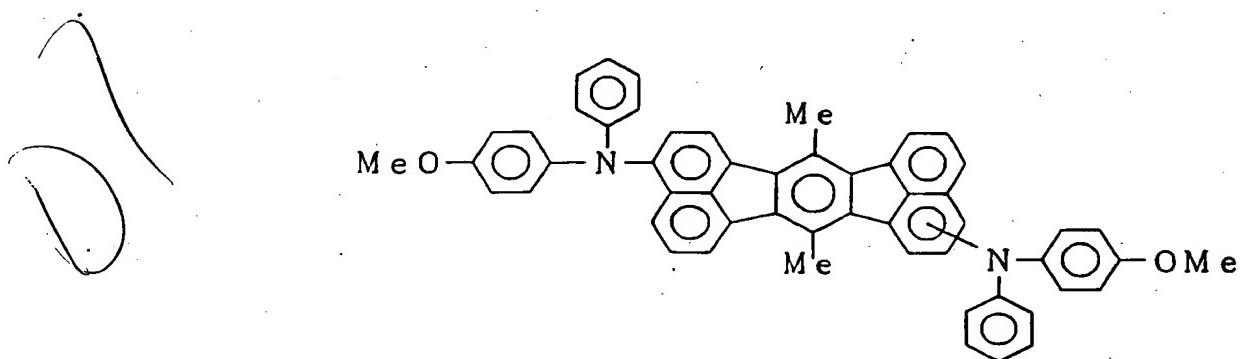
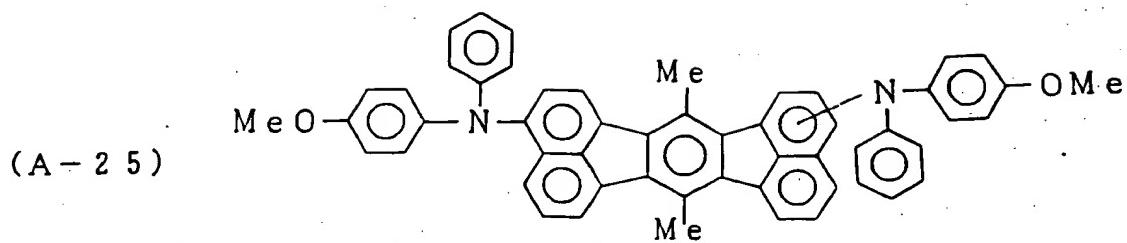


C

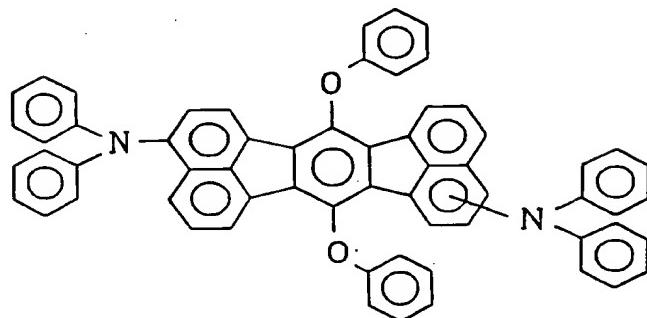
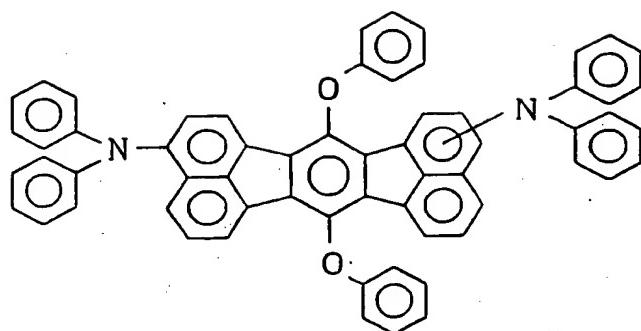


(A - 2 4)

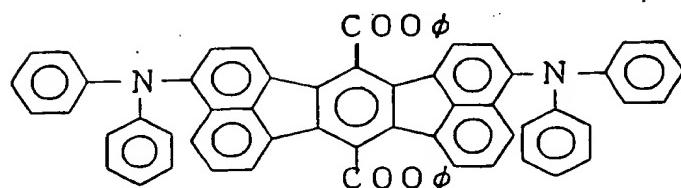




(A - 2 7)

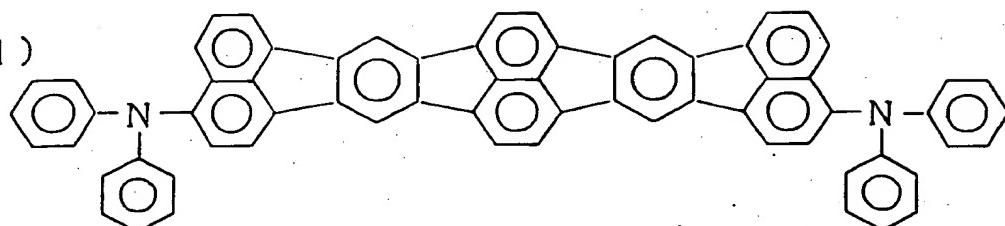


(A - 2 8)

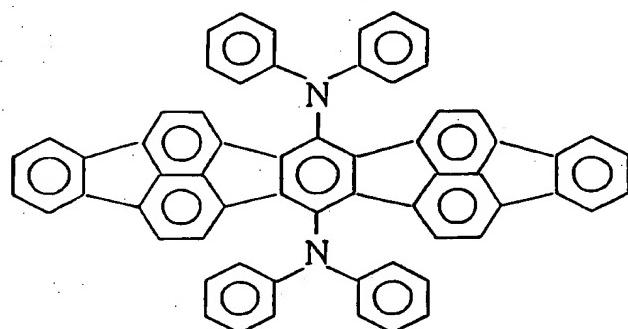


(φ is phenyl group)

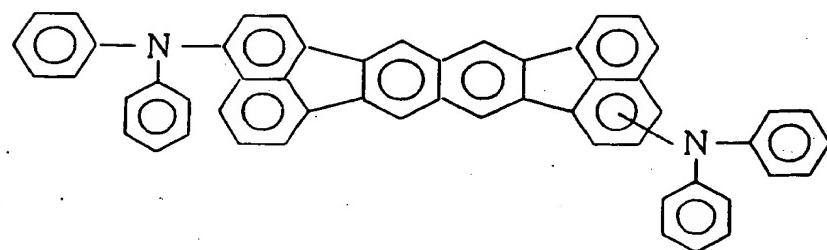
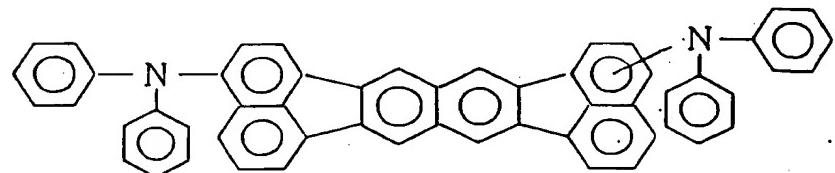
(B - 1)

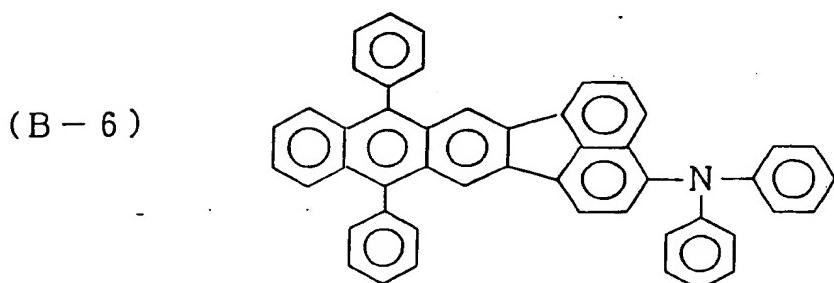
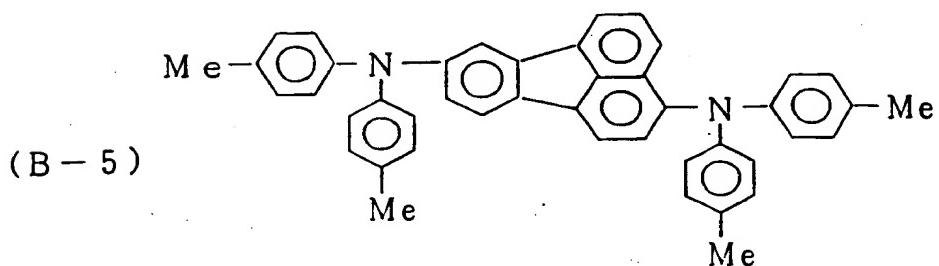
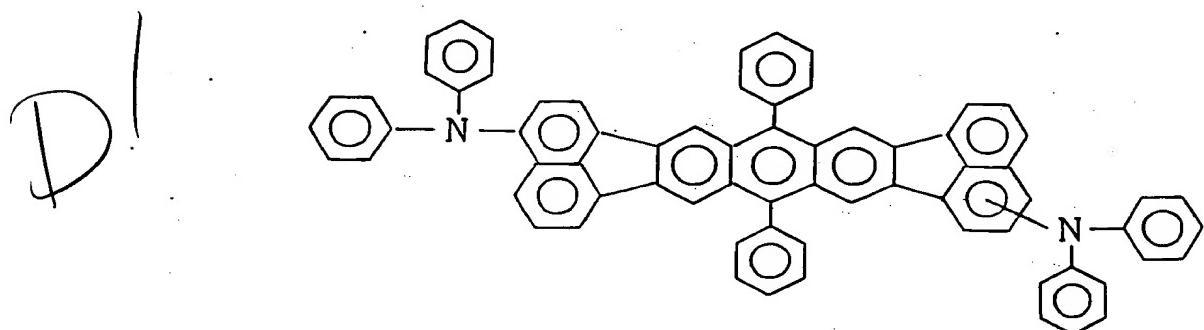
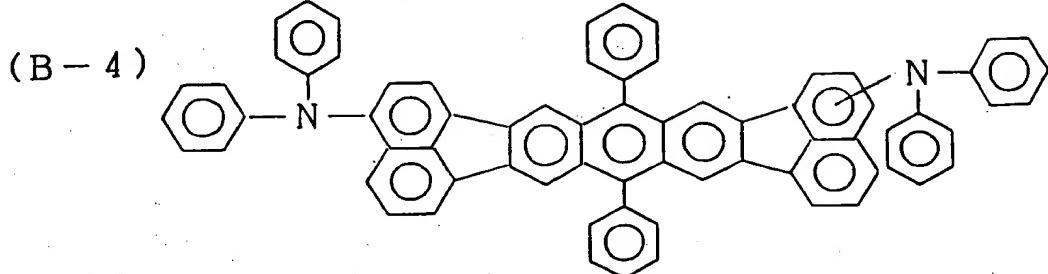


(B - 2)

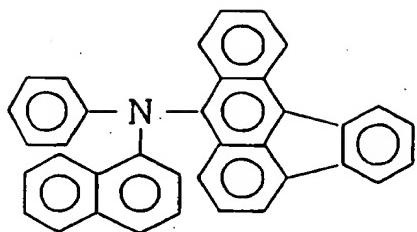


(B - 3)

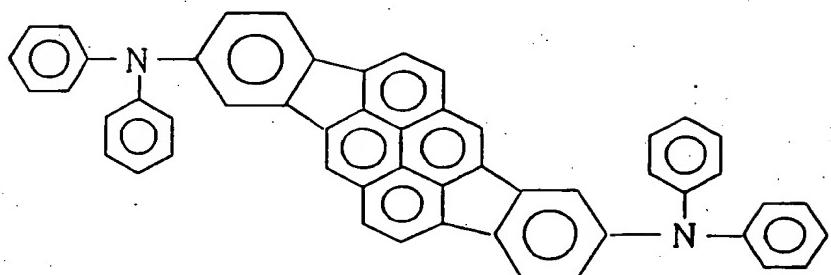




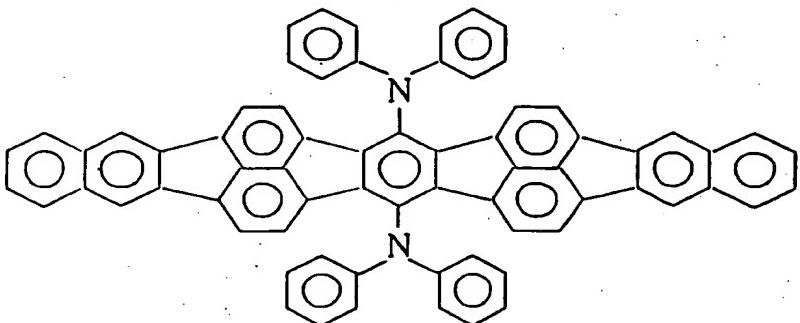
(B - 7)



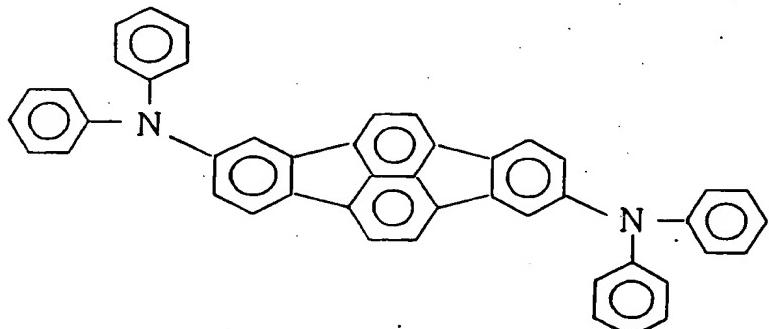
(B - 8)



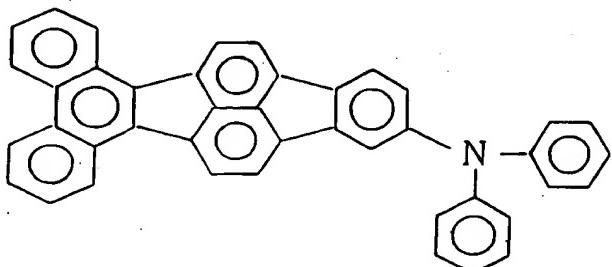
(B - 9)



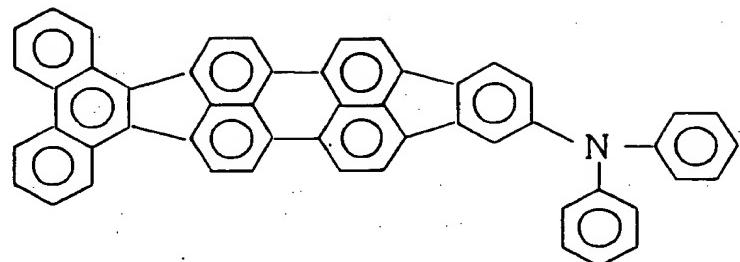
(B - 10)



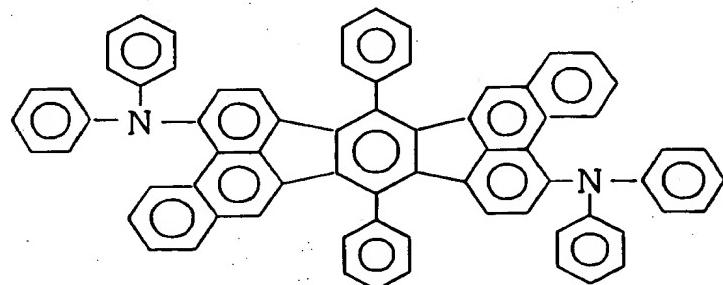
(B - 11)



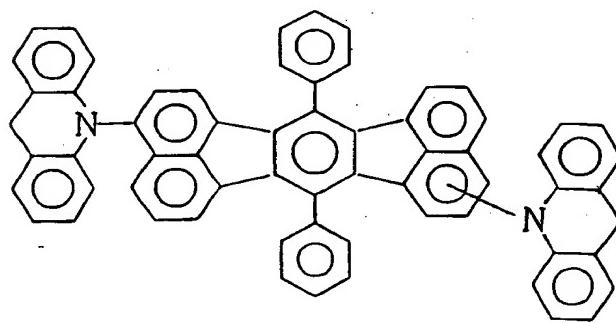
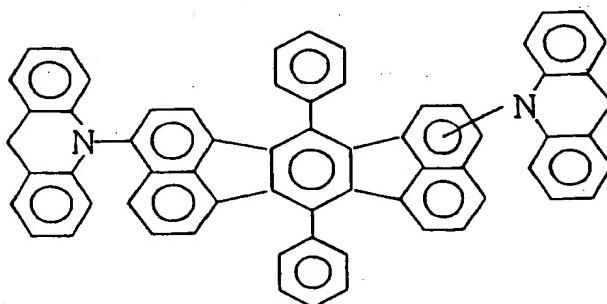
(B-12)



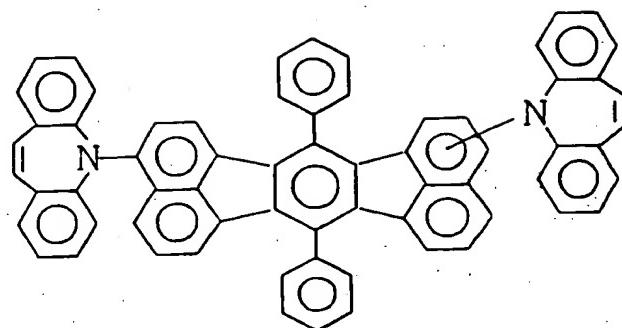
(B-13)



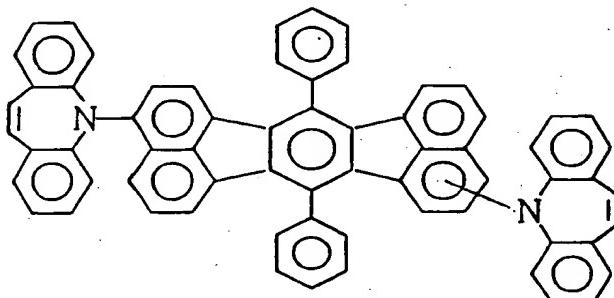
(B-14)



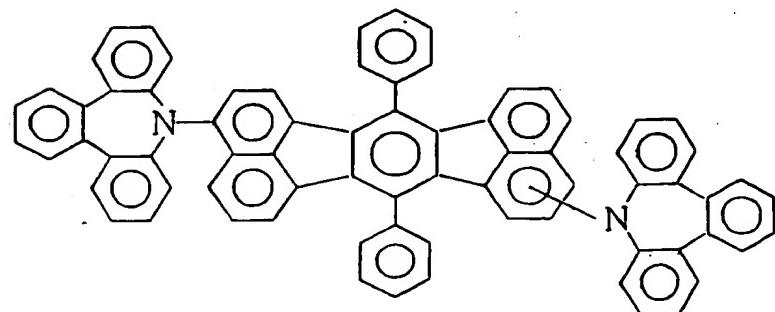
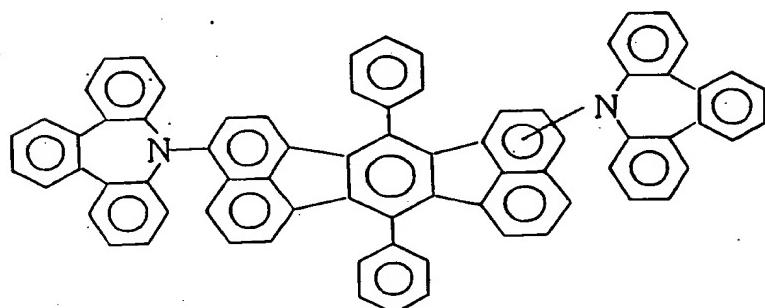
(B - 15)



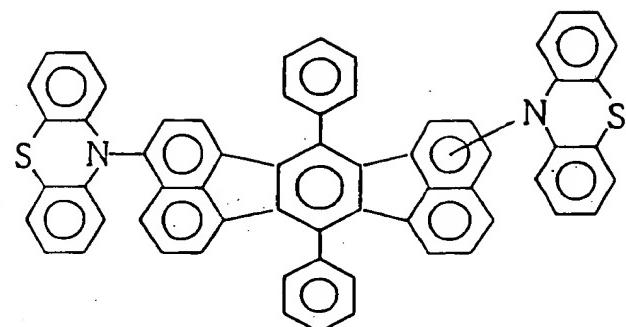
21



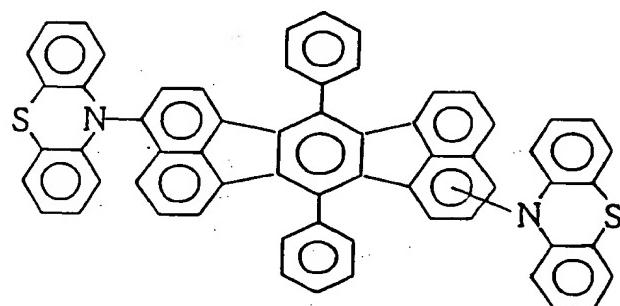
(B - 16)



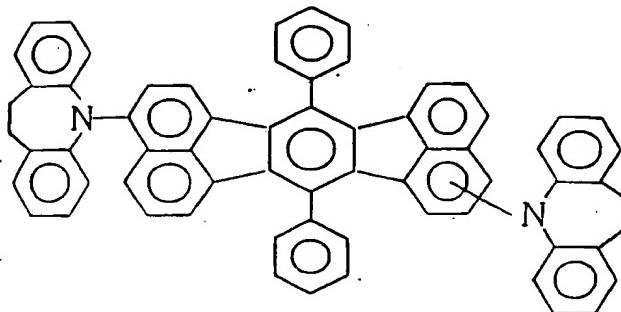
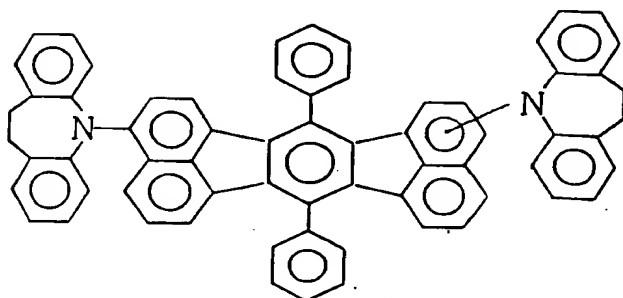
(B - 17)



D/



(B - 18)



(B - 19)

